CONTENTS

NUMBER 1, JULY, 1996

1 NEW FORMAT FOR *CHEST*, NEW MEDIA FOR ACCP
Stephen J. Welch, Northbrook, Illinois

1 THE BARBARISM OF MANAGED CARE
A. Jay Block; Linda C. Block, Gainesville, Florida; Allison B. Jaffe, Coral Springs, Florida

2 LUNG VOLUME REDUCTION: A BREATH OF FRESH AIR?
Alex G. Little, Las Vegas

3 OCCUPATION AND ASTHMA: THROUGH A GLASS, DARKLY
Paul D. Blanc, San Francisco

5 BRONCHODILATOR THERAPY OF COPD: A RE-ANALYSIS SUGGESTS NEW ROLES AND NEW CONCERNS
Mark E. Deffebach, Portland, Oregon

6 DO WE REALLY KNOW THE VALUE OF SURVEILLANCE LUNG BIOPSIES?
Edward R. Garrity, Jr, Maywood, Illinois

7 EVALUATING PLEURAL FLUID
Maj Bernard J. Roth, MC, USA, Tacoma, Washington

8 THE PROBLEM OF DRUG RESISTANCE IN TUBERCULOSIS
Leo M. Kahana, Hamilton, Canada

10 INTRODUCING THE NEW MEMBERS OF THE *CHEST* EDITORIAL BOARD

11 CONTRIBUTION OF LUNG AND CHEST WALL MECHANICS FOLLOWING EMPHYSEMA RESECTION
Arthur F. Gelb, Lakewood, California; Robert J. McKenna, Jr, Los Angeles; Matthew Brenner; Richard Fischel, Orange, California; Ahmet Baydur, Los Angeles; Noe Zamel, Toronto, Canada

18 MECHANISMS OF RELIEF OF EXERTIONAL BREATHLESSNESS FOLLOWING UNILATERAL BULLECTOMY AND LUNG VOLUME REDUCTION SURGERY IN EMPHYSEMA
Denis E. O'Donnell; Katherine A. Webb, Kingston, Canada; John Bertley, Rexdale, Canada; Laurence K.L. Chau; A. Alan Conlan, Kingston, Canada

28 LUNG VOLUME REDUCTION IN PATIENTS WITH SEVERE DIFFUSE EMPHYSEMA: A RETROSPECTIVE STUDY
Catherine Roué; Herve Mal; Charles Sleiman; Michel Fournier; Jean-Pierre Duchatelle; Pierre Baldeyrou; René Pariente, Clichy, France

35 IS DELAYED INTRODUCTION OF INHALED CORTICOSTEROIDS HARMFUL IN PATIENTS WITH OBSTRUCTIVE AIRWAYS DISEASE (ASTHMA AND COPD)?
Shelley E. Overbeek, Rotterdam, the Netherlands; Huib A.M. Kerstjens, Groningen, the Netherlands; Jan M. Bogaard; Paul G.H. Mulder, Rotterdam, the Netherlands; Dirkje S. Postma, Groningen, the Netherlands

42 CONTINUOUS VS INTERMITTENT ALBUTEROL, AT HIGH AND LOW DOSES, IN THE TREATMENT OF SEVERE ACUTE ASTHMA IN ADULTS
Mahesh Shrestha; Khalil Bidadi; Scott Gourlay; James Hayes, Dallas

48 RESULTS OF A PROGRAM TO IMPROVE THE PROCESS OF INPATIENT CARE OF ADULT ASTHMATICS
Paul H. Mayo; Barry J. Weinberg; Benjamin Kramer; Julieta Richman; Ock-Soon Seibert-Choi; Mark J. Rosen, New York

53 A 1-YEAR COMPARISON OF TURBUHALER VS PRESSURIZED METERED-DOSE INHALER IN ASTHMATIC PATIENTS
Romain A. Pauwels, Ghent, Belgium; Frederick Hargreave, Hamilton, Canada; Philippe Camus, Dijon, France; Michael Bukoski, Mississauga, Canada; Elisabeth Ståhl, Lund, Sweden

58 INCIDENCE OF OCCUPATIONAL ASTHMA AND PERSISTENT ASTHMA IN YOUNG ADULTS HAS INCREASED IN FINLAND
Kari Reijula; Tari Haahtela; Timo Klaukka; Jorma Rantanen, Helsinki, Finland

62 EXTENDED THERAPY WITH IPRATROPIUM IS ASSOCIATED WITH IMPROVED LUNG FUNCTION IN PATIENTS WITH COPD: A RETROSPECTIVE ANALYSIS OF DATA FROM SEVEN CLINICAL TRIALS
Stephen I. Rennard, Omaha, Nebraska; Charles W. Serby, Ridgefield, Connecticut; Mo Ghafouri, Omaha, Nebraska; Philip A. Johnson, Ridgefield, Connecticut; Mitchell Friedman, New Orleans

71 VENTILATION-PERFUSION RESPONSE AFTER FENOTEROL IN HYPOXEMIC PATIENTS WITH STABLE COPD
Carlos A. Viegas, Brasília, Brazil; Antoni Ferrer; Josep Ma Montserrat; Joan A. Barbera; Josep Roca; Robert Rodriguez-Roisin, Barcelona, Spain

78 ALPHA$_1$-ANTITRYPSIN DEFICIENCY DEATHS IN THE UNITED STATES FROM 1979-1991: AN ANALYSIS USING MULTIPLE-CAUSE MORTALITY DATA
Rozalinde J. Browne; David M. Mannino III; Muin J. Khoury, Atlanta

84 DIAGNOSTIC YIELD OF BRONCHOSCOPIES AFTER ISOLATED LUNG TRANSPLANTATION
Maher A. Baz, Gainesville, Florida; Daniel T. Layish; Joseph A. Govert; David N. Howell; Cindy M. Lawrence; Robert Duane Davis; Victor F. Tapson, Durham, North Carolina

89 ACTIVATION OF EOSINOPHILS AND FIBROBLASTS ASSESSED BY EOSINOPHIL CATIONIC PROTEIN IN BAL: ASSOCIATION WITH ACUTE REJECTION IN LUNG TRANSPLANT PATIENTS
Gerdt C. Riise; Henrik Scherstén; Folke Nilsson; Walter Ryd; Bengt A. Andersson, Goteborg, Sweden

97 PLEURAL FLUID TO SERUM CHOLINESTERASE RATIO FOR THE SEPARATION OF TRANSUDATES AND EXUDATES
Eduardo García-Pachon; Isabel Padilla-Navas; Jose F. Sanchez; Benedicto Jimenez; Juan Custardoy, Alicante, Spain

102 INTRAPLEURAL FIBRINOLYTICS IN MANAGEMENT OF EMPYEMA THORACIS
R. Thomas Temes; Fabrizio Follis, Albuquerque; Randolph M. Kessler, Denver; Stuart B. Pett, Jr; Jorge A. Wernly, Albuquerque

107 DETECTION OF SOLUBLE ADHESION MOLECULES IN PLEURAL EFFUSIONS
Jorg C. Hoffmann, Tubingen, Germany; Hartmut Krüger; Jörg Luhrs; Hinrich Hamm, Hannover, Germany

114 NASAL-CPAP, SURGERY, AND CONSERVATIVE MANAGEMENT FOR TREATMENT OF OBSTRUCTIVE SLEEP APNEA SYNDROME: A RANDOMIZED STUDY
Jukka Lojander, Kijava, Finland; Paula K. Maasilta; Markku Partinen; Pirkko E. Brander; Tapani Salmi; Hannu Lehtonen, Helsinki, Finland

120 RESPIRATORY EFFORT DURING SLEEP APNEAS AFTER INTERRUPTION OF LONG-TERM CPAP IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
An Boudewyns; Emilia Sforza; Monica Zamagni; Jean Krieger, Strasbourg, France

128 CHEST WALL OSCILLATION AT 1 HZ REDUCES SPONTANEOUS VENTILATION IN HEALTHY SUBJECTS DURING SLEEP
Thomas E. Dolmage; Herbert A. Eisenberg; Lori L. Davis; Roger S. Goldstein, Toronto, Canada

136 THE SAFETY OF IV PENTAMIDINE ADMINISTERED IN AN AMBULATORY SETTING
Kam Tong Yeung, North York, Canada; Melinda Chan; Charles K.N. Chan, Toronto, Canada

141 AN EFFECTIVENESS COMMUNITY-BASED CLINICAL TRIAL OF RESPIRGARD II AND FISONEB NEBULIZERS FOR *PNEUMOCYSTIS CARINII* PROPHYLAXIS WITH AEROSOL PENTAMIDINE IN HIV-INFECTED INDIVIDUALS
R. Andrew McIvor; Philip Berger; Leslie Lee Pack, Toronto, Canada; Anita R. Rachlis, North York, Canada; Charles K. Chan, Toronto, Canada

147 IMMEDIATE EFFECTS OF INTRAVENOUS COCAINE ON THE THORACIC AORTA AND CORONARY ARTERIES: A TRANSESOPHAGEAL ECHOCARDIOGRAPHIC STUDY
Mark J. Eisenberg, Montreal, Canada; Donald L. Yakel; John Mendelson; Rita F. Redberg; Reese T. Jones; Elyse Foster, San Francisco

155 AKINESIS BECOMING DYSKINESIS DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY: A PREDICTOR OF POOR FUNCTIONAL RECOVERY AFTER SURGICAL REVASCULARIZATION
Abdou Elhendy; Jan H. Cornel; Jos R.T.C. Roelandt; Ron R. van Domburg; Paolo M. Fioretti, Rotterdam, the Netherlands

159 EXHALED ETHANE AND ANTIOXIDANT VITAMIN SUPPLEMENTS IN ACTIVE SMOKERS
Bao-Khanh Q. Do; Harinder S. Garewal; Neil C. Clements, Jr; Yei-Mei Peng; Michael P. Habib, Tucson, Arizona

165 RETREATMENT OF PATIENTS SURVIVING CANCER-FREE 2 OR MORE YEARS AFTER INITIAL TREATMENT OF SMALL CELL LUNG CANCER
John P. Chute; Michael J. Kelley; David Venzon, Bethesda, Maryland; John Williams, Washington, DC; Allen H. Roberts II; Bruce E. Johnson, Bethesda, Maryland

172 USEFULNESS OF AIRWAY VISUALIZATION IN THE DIAGNOSIS OF NOSOCOMIAL PNEUMONIA IN VENTILATED PATIENTS
Jean-François Timsit; Benoit Misset; Elie Azoulay; Bertrand Renaud; Maite Garrouste-Orgeas; Jean Carlet, Paris, France

180 INTRINSIC POSITIVE END-EXPIRATORY PRESSURE DURING ONE-LUNG VENTILATION FOR THORACIC SURGERY: THE INFLUENCE OF PREOPERATIVE PULMONARY FUNCTION
Gizella I. Bardoczky; Jean Claude Yernault; Edgard E. Engelman; Charles-Eric Veighe; Matteo Cappello; Alain A. d'Hollander, Brussels, Belgium

185 CENTRAL VENOUS CATHETER PLACEMENT IN PATIENTS WITH DISORDERS OF HEMOSTASIS
Martin E. Doerfler, New York; Brian S. Kaufman, Dix Hills, New York; Alec S. Goldenberg, New York

189 ENDOTHELIN-1 DOES NOT MEDIATE THE ENDOTHELIUM-DEPENDENT HYPOXIC CONTRACTIONS OF SMALL PULMONARY ARTERIES IN RATS
Romain Lazor; Francois Feihl; Bernard Waeber; Pavel Kucera; Claude Perret, Lausanne, Switzerland

196 TRANSVISCERAL LACTATE FLUXES DURING EARLY ENDOTOXEMIA
Rinaldo Bellomo; John A. Kellum; Michael R. Pinsky, Pittsburgh

205 LUNG VOLUME REDUCTION SURGERY FOR EMPHYSEMA
Matthew Brenner, Orange, California; Roger D. Yusen, St Louis; Robert J. McKenna, Los Angeles; Frank C. Sciurba, Pittsburgh; Arthur F. Gelb, Lakewood, California; Richard Fischel, Orange, California; Julie A. Swain, Kenosha, Wisconsin; John C. Chen; Fernando Kafie, Orange, California; Stephen S. Lefrak, St Louis

219 NECROTIZING FASCIITIS
Ronald J. Green; Donald C. Dafoe; Thomas A. Raffin, Stanford, California

230 CLINICAL EXPERIMENTATION: LESSONS FROM LUNG VOLUME REDUCTION SURGERY
Mark R. Tonelli; Joshua O. Benditt; Richard K. Albert, Seattle

239 HOW ACADEMIC MEDICINE AND THE VA ARE BEING INFLUENCED BY CHANGES IN HEALTH-CARE DELIVERY
Victor F. Froelicher, Palo Alto, California

243 INTERMITTENT ENTERAL FEEDING IN MECHANICALLY VENTILATED PATIENTS: THE EFFECT ON GASTRIC PH AND GASTRIC CULTURES
Cynthia A. Spilker, Liberty, Missouri; Daniel R. Hinthorn; Susan K. Pingleton, Kansas City, Kansas

249 PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS RECEIVING LONG-TERM MECHANICAL VENTILATION: ADVANCE CARE PLANNING AND OUTCOMES
Alvin H. Moss, Morgantown, West Virginia; Edward A. Oppenheimer, Los Angeles; Patricia Casey; Pamela A. Cazzolli, Morgantown, West Virginia; Raymond Roos, Chicago; Carol B. Stocking, Morgantown, West Virginia; Mark Siegler, Chicago

256 COST-EFFECTIVENESS IN CLINICAL CARDIOLOGY: II. PREVENTIVE STRATEGIES AND ARRHYTHMIA THERAPIES
Jeffrey Simmons; Simon C. Chakko; Howard J. Willens; Kenneth M. Kessler, Miami

263 GRAIN DUST AND ENDOTOXIN INHALATION CHALLENGES PRODUCE SIMILAR INFLAMMATORY RESPONSES IN NORMAL SUBJECTS
Paul J. Jagielo, Coralville, Iowa; Peter S. Thorne; Janet L. Watt; Kathy L. Frees; Timothy J. Quinn; David A. Schwartz, Iowa City

271 A 47-YEAR-OLD WOMAN WITH EPISODIC HEMOPTYSIS

273 SEVERE ALKALEMIA, HYPONATREMIA, AND DIABETIC KETOACIDOSIS IN AN ALCOHOLIC MAN
Enrique A. Bustamante; Howard Levy, Albuquerque

276 CAVITARY LUNG LESION IN A PATIENT WITH CONGESTIVE HEART FAILURE
Homayoon Shahidi, Chicago; William A. Ventimiglia, Detroit

279 A DEATH ASSOCIATED WITH THERAPY FOR NOSOCOMIALLY ACQUIRED MULTIDRUG-RESISTANT TUBERCULOSIS
Andre C. Weltman; George T. DiFerdinando, Jr; Rita Washko; William M. Lipsky, Harrisburg, Pennsylvania
281 BRONCHIOLOALVEOLAR CARCINOMA ACCOMPANIED BY SEVERE BRONCHORRHEA
Noriko Hidaka; Koichi Nagao, Chiba, Japan
282 PRIMARY SYSTEMIC AMYLOIDOSIS COMPLICATED BY MASSIVE THROMBOSIS
Frank J. Cools; Marc M. Kockx; Guy E. Boeckstaens; Paul Van den Heuvel; Jean-Jacques Cuykens, Antwerp, Belgium
284 STEROID RESPONSIVE PULMONARY HYPERTENSION IN A PATIENT WITH LANGERHANS' CELL GRANULOMATOSIS (HISTIOCYTOSIS X)
Bruno Benyounes; Bruno Crestani; Anne Couvelard; Christiane Vieuzaine; Michel Aubier, Paris, France
286 HIGH-ALTITUDE PULMONARY EDEMA WITH PRIMARY PULMONARY HYPERTENSION
Robert Naeije; Daniel De Backer; Jean-Luc Vachiéry; Paul De Vuyst, Brussels, Belgium
289 PULMONARY INFILTRATES FOLLOWING ADMINISTRATION OF PACLITAXEL
Ramesh K. Ramanathan, Pittsburgh; Vundyala V. Reddy, Macon, Georgia; J. Michael Holbert; Chandra P. Belani, Pittsburgh
293 ACUTE AND CHRONIC LUNG ALLOGRAFT REJECTION DURING PREGNANCY
Scott H. Donaldson, Durham, North Carolina; Debra Novotny; Linda J. Paradowski; Robert M. Aris, Chapel Hill, North Carolina
296 EXTENSIVE PULMONARY METASTASES IN MALIGNANT PLEURAL MESOTHELIOMA: A RARE CLINICAL AND RADIOGRAPHIC PRESENTATION
Nobuya Ohishi; Teruaki Oka; Toshiaki Fukuhara; Hideki Yotsumoto; Yoshio Yazaki, Tokyo, Japan
299 KEEP TESTING THE WATERS
Santiago Romero; Alfredo Candela; Juan M. Amiero, Alicante, Spain
Response—Marina Costa; Edgardo Cruz; Teresa Quiroga, Santiago, Chile
Response—Thaddeus Bartter, Camden, New Jersey
300 RELIABILITY OF THE POLYMERASE CHAIN REACTION IN THE DIAGNOSIS OF MYCOBACTERIAL INFECTION
Juan Emilio Losa García; Jesús Pérez Losada; Luis González Villarón, Salamanca, Spain
Response—Tony S. Ma, Houston
302 DIAGNOSTIC TESTING OF ICU-ACQUIRED PNEUMONIA
Samuel Cykert, Greensboro, North Carolina
Response—Jean-François Timsit; Benoit Misset; Fred W. Goldstein; Philippe Vaury; Jean Carlet, Paris, France
303 THE MORTALITY OF UNTREATED PULMONARY EMBOLISM
Paul Egermayer, Christchurch, New Zealand
303 THE COST OF TREATMENT OF SPONTANEOUS PNEUMOTHORAX WITH THE THORACIC VENT COMPARED WITH CONVENTIONAL THORACIC DRAINAGE
Martin Roeggla; Georg Roeggla; Markus Muellner; Andreas Wagner; Anton N. Laggner, Vienna, Austria
304 CHEST X-RAY SCREENING DOES NOT IMPROVE OUTCOME IN LUNG CANCER
D. Maxwell Parkin; Paola Pisani, Lyon, France
304 LATE INTRACAPSULAR HEMORRHAGE IN AN ANTICOAGULATED PATIENT WITH A BREAST IMPLANT
Howard J. Willens, Miami; Harlan Wald, Hollywood, Florida; Kenneth M. Kessler, Miami
305 IS THE RESULT OF METHACHOLINE CHALLENGE ACCURATE FOR ASSESSING THE BRONCHOPROTECTIVEEFFECTSOFLONG-ACTINGB-ADRENERGIC BRONCHODILATORS?
Dragos Bumbacea; Patrice Diot; Etienne Lamarie, Tours, France
Response—Donald W. Cockcroft; Veronica A. Swystun, Saskatoon, Canada; Sanjay Kalra, Rochester, Minnesota; Rajesh Bhagat, Columbia, Missouri
306 LOSS OF BRONCHOPROTECTION WITH SALMETEROL
Anthony D. D'Urzo, Toronto, Canada
Response—Donald W. Cockcroft; Veronica A. Swystun, Saskatoon, Canada; Rajesh Bhagat, Columbia, Missouri; Sanjay Kalra, Rochester, Minnesota

NUMBER 2, AUGUST, 1996

307 UPDATE ON COMPACCS
Susan K. Pingleton, Kansas City, Kansas
308 TEACHING: HAS THE TIME COME AND GONE?
Lt: Edward R. Carter, MC USA, Tacoma, Washington
308 PERICARDIAL EFFUSION AND CARDIAC TAMPONADE DIAGNOSTIC METHODS: WHERE ARE WE HEADED?
Len Scarpinato, Milwaukee
310 PREDICTING PROGNOSIS IN ADVANCED HEART FAILURE: USE OF EXERCISE INDICES
Mandeep R. Mehra; Carl J. Lavie, Jr; Richard V. Milani, New Orleans
312 GROUND GLASS ATTENUATION ON CT IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS
David A. Lynch, Denver
313 PROTOCOL-DRIVEN RESPIRATORY THERAPY: CLOSING IN ON APPROPRIATE UTILIZATION AT COMPARABLE COST AND PATIENT OUTCOME
Col Kenneth G. Torrington, MC, USA, Washington, DC
314 DOES INVERSE RATIO VENTILATION PREDISPOSE TO PULMONARY EDEMA?
Richard M. Effros; Kenneth W. Presberg, Milwaukee
314 AEROSOLIZED DRUG DELIVERY IN THE 90S
Gerald C. Smaldone, Stony Brook, New York
318 THE DIAGNOSIS OF PERICARDIAL EFFUSION AND CARDIAC TAMPONADE BY 12-LEAD ECG: A TECHNOLOGY ASSESSMENT
Mark J. Eisenberg; Luisa Munoz de Romeral, Montreal, Canada; Paul A. Heidenreich; Nelson B. Schiller; G. Thomas Evans, Jr., San Francisco
325 THE SIX-MINUTE WALK TEST PREDICTS PEAK OXYGEN UPTAKE AND SURVIVAL IN PATIENTS WITH ADVANCED HEART FAILURE
Lawrence P. Cahalin; Michael A. Mathier; Marc J. Semigran; G. William Dec, Jr.; Thomas G. DiSalvo, Boston
333 CORTICOSTEROIDS IN THE TREATMENT OF TUBERCULOUS PLEURISY: A DOUBLE-BLIND, PLACEBO-CONTROLLED, RANDOMIZED STUDY
Christoph Wyser, Basel, Switzerland; Gerhard Walzl, Cape Town, South Africa; Jan P. Smedema, Tygerberg, South Africa; Francois Swart; Emmerentia M. van Schalkwyk; Bernard W. van de Wal, Cape Town, South Africa
339 MILIARY TUBERCULOSIS: DIAGNOSTIC ACCURACY OF CHEST RADIOGRAPHY
J. Stephen Kwong; Stephane Carignan; Eun-Young Kang; Nestor L. Müller; J. Mark FitzGerald, Vancouver, Canada
343 INTEROBSERVER RELIABILITY OF THE CHEST RADIOGRAPH IN COMMUNITY-ACQUIRED PNEUMONIA
Michael N. Albaum; Lisa C. Hill; Miles Murphy; Yi-Hwei Li; Carl R. Fuhrman; Cynthia A. Britton; Wishwa N. Kapoor; Michael Fine, Pittsburgh
351 *CHLAMYDIA PNEUMONIAE* PNEUMONIA IN HOSPITALIZED PATIENTS: CLINICAL CHARACTERISTICS AND DIAGNOSTIC VALUE OF POLYMERASE CHAIN REACTION DETECTION IN BAL
Klaus Dalhoff; Matthias Maass, Lubeck, Germany
357 RESPIRATORY FAILURE IN ANCA-ASSOCIATED VASCULITIS
Jan C. ter Maaten; Casper F.M. Franssen; Reinold O.B. Gans; Robert J.M. Strack van Schijndel; Steven J. Hoorntje, Amsterdam, the Netherlands
363 A 12-YEAR LONGITUDINAL STUDY OF ASPERGILLUS SENSITIVITY IN PATIENTS WITH CYSTIC FIBROSIS
Patricia S. Hutcheson; Alan Knutsen; Anthony J. Rejent; Raymond G. Slavin, St. Louis
367 SERUM ANTIBODY RESPONSE TO INFLUENZA VACCINE IN PULMONARY PATIENTS RECEIVING CORTICOSTEROIDS
Martin A. Kubiet, Orlando, Florida; Ricardo J. Gonzalez-Rothi; Rob Cottey; Bradley S. Bender, Gainesville, Florida
371 BRONCHIOLITIS IN CHRONIC PIGEON BREEDER'S DISEASE: MORPHOLOGIC EVIDENCE OF A SPECTRUM OF SMALL AIRWAY LESIONS IN HYPERSENSITIVITY PNEUMONITIS INDUCED BY AVIAN ANTIGENS
Rogelio Pérez-Padilla; Miguel Gaxiola; Jorge Salas; Mayra Mejía; Carlos Ramos; Moisés L. Selman, Mexico, Mexico
378 DISEASE PROGRESSION IN USUAL INTERSTITIAL PNEUMONIA COMPARED WITH DESQUAMATIVE INTERSTITIAL PNEUMONIA: ASSESSMENT WITH SERIAL CT
Thomas E. Hartman, Rochester, Minnesota; Steven L. Primack; Eun-Young Kang, Vancouver, Canada; Stephen J. Swensen, Rochester, Minnesota; David M. Hansell, London, England; Georgeann McGuinness, New York; Nestor L. Müller, Vancouver, Canada
383 MAST CELLS IN BRONCHIOLITIS OBLITERANS ORGANIZING PNEUMONIA: MAST CELL HYPERPLASIA AND EVIDENCE FOR EXTRACELLULAR RELEASE OF TRYPTASE
Alberto Pesci; Maria Majori; MariaLaura Piccoli; Angelo Casalini; Alessandra Curti; Demetrio Franchini; Marzio Gabrielli, Parma, Italy
392 CAN PULMONARY ANGIOGRAPHY BE LIMITED TO THE MOST SUSPICIOUS SIDE IF THE CONTRALATERAL SIDE APPEARS NORMAL ON THE VENTILATION/PERFUSION LUNG SCAN? DATA FROM PIOPED
Alexander Gottschalk, East Lansing, Michigan; Paul D. Stein; Jerald W. Henry; Bruce Relyea, Detroit
395 PULMONARY EMBOLISM AMONG PATIENTS WITH A NEARLY NORMAL VENTILATION/PERFUSION LUNG SCAN
Jerald W. Henry; Paul D. Stein, Detroit; Alexander Gottschalk, East Lansing, Michigan; Gary E. Raskob, Oklahoma City
399 PARENCHYMAL SCARRING IS ASSOCIATED WITH RESTRICTIVE SPIROMETRIC DEFECTS IN PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION
Timothy A. Morris; William R. Auger; Mariana Z. Ysrael; Linda K. Olson; Richard N. Channick; Peter F. Fedullo; Kenneth M. Moser, San Diego
404 TRACHEOBRONCHIAL CONSTRICTION IN ASTHMATICS INDUCED BY ISOCAPNIC HYPERVENTILATION WITH DRY COLD AIR
Gabriel Julià-Serdà, Las Palmas, Spain; Néstor Alfredo Molfino, Ville St Laurent, Canada; Nadia Califaretti; Victor Hoffstein; Noe Zamel, Toronto, Canada
411 THE COST OF TREATING COPD PATIENTS WITH LONG-TERM OXYGEN THERAPY IN A FRENCH POPULATION
Nathalie Pelletier-Fleury; Jean-Louis Lanoé, Kremlin-Bicetre, France; Bernard Fleury, Paris, France; Michèle Fardeau, Kremlin-Bicetre, France
417 ADJUSTING FVC FOR THE EFFECT OF OBSTRUCTION
John J. Lefante; Henry W. Glindmeyer, III; Hans Weill; Robert N. Jones, New Orleans
422 PHYSICIAN-ORDERED RESPIRATORY CARE VS PHYSICIAN-ORDERED USE OF A RESPIRATORY THERAPY CONSULT SERVICE: RESULTS OF A PROSPECTIVE OBSERVATIONAL STUDY
James K. Stoller; Christine Skibinski; Dennis Giles; Lucy Kester; David Haney, Cleveland
430 CLINICAL STRATEGIES TO REDUCE UTILIZATION OF CHEST PHYSIOTHERAPY WITHOUT COMPROMISING PATIENT CARE
Ed Alexander; Scott R. Weingarten; Zab Mohsenifar, Los Angeles
433 ELEVATION OF INTERLEUKIN-10 LEVELS IN MALIGNANT PLEURAL EFFUSION
Yuh-Min Chen; Wen-Kuang Yang, Taipei, Taiwan ROC; Jacqueline Whang-Peng, Bethesda, Maryland; Benjamin Ing-Tiau Kuo; Reury-Perng Perng, Taipei, Taiwan ROC
437 RELATIONSHIP OF EARLY POSTOPERATIVE DYSRHYTHMIAS AND LONG-TERM OUTCOME AFTER RESECTION OF NON-SMALL CELL LUNG CANCER
David Amar; Michael E. Burt; Ruth A. Reinsel; Denis H.Y. Leung, New York
440 PULMONARY FUNCTION AND CLINICAL OBSERVATIONS IN MALES WITH CONGENITAL BILATERAL ABSENCE OF THE VAS DEFERENS
Andrew A. Colin; Susan M. Sawyer, Boston; John E. Mickle, Baltimore; Robert D. Oates; Aubrey Milunsky; Jean A. Amos, Boston
446 REGULATION OF BREATHING AND PERCEPTION OF DYSPNEA IN HEALTHY PREGNANT WOMEN
Francisco Garcia-Rio; Jose Maria Pino; Luis Gomez; Rodolfo Alvarez-Sala; Carlos Villasante; Jose Villamor, Madrid, Spain
454 THORACOABDOMINAL PATTERN OF BREATHING IN NEUROMUSCULAR DISORDERS
Annie Perez; Roland Mulot, Garches, France; Guy Vardon, Amiens, France; Annie Barois, Garches, France; Jorge Gallego, Paris, France
462 PLASMA CONCENTRATIONS OF ATRIAL, BRAIN, AND C-TYPE NATRIURETIC PEPTIDES AND ENDOTHELIN-1 IN PATIENTS WITH CHRONIC RESPIRATORY DISEASES
Takayuki Ando; Kenji Ogawa; Ken-ichi Yamaki; Michihiro Hara; Kenzo Takagi, Nagoya, Japan
469 PREDICTING THE DURATION OF MECHANICAL VENTILATION: THE IMPORTANCE OF DISEASE AND PATIENT CHARACTERISTICS
Michael G. Seneff; Jack E. Zimmerman, Washington, DC; William A. Knaus, Charlottesville, Virginia; Douglas Wagner; Elizabeth A. Draper, Washington, DC
480 COMPARISON OF PERCUTANEOUS AND SURGICAL TRACHEOSTOMIES
Yaakov Friedman; John J. Fildes; Barry Mizock, Chicago; Jacob Samuel, Downers Grove, Illinois; Subash Patel; Samuel K. Appavu; Roxanne R. Roberts, Chicago

486 PULMONARY EPITHELIAL PERMEABILITY: AN ANIMAL STUDY OF INVERSE RATIO VENTILATION AND CONVENTIONAL MECHANICAL VENTILATION
Ulf Ludwigs; Anders Philip; Bengt Robertsson, Stockholm, Sweden; Goran C. Hedenstierna, Uppsala, Sweden

494 PRESSURES REQUIRED TO MOVE GAS THROUGH THE NATIVE AIRWAY IN THE PRESENCE OF A FENESTRATED VS A NONFENESTRATED TRACHEOSTOMY TUBE
J.D. Hussey; Michael Bishop, Seattle

498 MEDICATION NEBULIZER PERFORMANCE: EFFECTS OF DILUENT VOLUME, NEBULIZER FLOW, AND NEBULIZER BRAND
Dean R. Hess; Daniel Fisher; Purris Williams; Sharon Pooler; Robert M. Kacmarek, Boston

506 CLINICAL APPLICATIONS OF NITRIC OXIDE
Taro Mizutani, Ibaraki, Japan; A. Joseph Layon, Gainesville, Florida

525 NEW ANTIFUNGAL DRUGS FOR PULMONARY MYCOSES
Natalie C. Klein; Burke A. Cunha, Mineola, New York

533 PULMONARY SECTION DEVELOPMENT INFLUENCES GENERAL MEDICAL HOUSE OFFICER INTERESTS AND ABIM CERTIFYING EXAMINATION PERFORMANCE
Edward F. Haponik; David L. Bowton; Robert Chin, Jr.; Norman E. Adair, Winston-Salem, North Carolina; Michael G. Lykens, Indianapolis; Peter Tyler Alford; David A. Bass, Winston-Salem, North Carolina

539 ENDOSCOPIC ULTRASONOGRAPHY AND REAL-TIME GUIDED FINE-NEEDLE ASPIRATION BIOPSY OF SOLID LESIONS OF THE MEDIASTINUM SUSPECTED OF MALIGNANCY
Birthe H. Pedersen; Peter Vilmann; Kirsten Folke; Grete Krag Jacobsen; Mark Krasnik; Nils Milman; Søren Hancke, Hellerup, Denmark

545 THORACOSCOPIC RESECTION OF AN ESOPHAGEAL CYST IN A 4-YEAR-OLD GIRL
Anthony Ping Chuen Yim, Hong Kong, Hong Kong

547 RECURRENT LEFT PLEURAL EFFUSION IN A 44-YEAR-OLD WOMAN WITH A HISTORY OF ALCOHOL ABUSE
Jose I. Iglesias; Joseph Cobb; John Levey, Worcester, Massachusetts; Richard A. Rosiello, West Boylston, Massachusetts

550 THE CASE OF THE DISAPPEARING MASS
Lisa K. Brath; Frederick L. Glauser, Richmond, Virginia; Stuart B. Zellender, Asheville, North Carolina

553 IDIOPATHIC PULMONARY HEMORRHAGE IN INFANCY: CLINICAL FEATURES AND MANAGEMENT WITH HIGH FREQUENCY VENTILATION
Michael D. Pappas, Toledo, Ohio; Ashok P. Sarnaik; Kathleen L. Meert, Detroit; Rashed A. Hasan, Mount Pleasant, Michigan; Mary W. Lieh-Lai, Detroit

556 SULFASALAZINE PULMONARY TOXICITY IN ULCERATIVE COLITIS MIMICKING CLINICAL FEATURES OF WEGENER'S GRANULOMATOSIS
Stephen M. Salerno; Eric J. Omiseth; Maj Bernard J. Roth, MC USA; Cristopher A. Meyer; Erik D. Christensen; Lt: Thomas A. Dillard, MC USA, Tacoma, Washington

559 HYPERACUTE REJECTION FOLLOWING LUNG TRANSPLANTATION
Adaani E. Frost; Cory T. Jammal; Philip T. Cagle, Houston

562 DIAGNOSIS OF CARDIAC SARCOIDOSIS AIDED BY MRI
Mukul Chandra; Mark E. Silverman; John Oshinski; Roderic Pettigrew, Atlanta

565 INFLAMMATORY DISEASES OF THE LUNG CAUSING FALSE-POSITIVE ^{131}I WHOLE BODY SCANS IN THE EVALUATION OF PAPILLARY THYROID CARCINOMA: TWO CASE REPORTS
Joseph S. Pina; Cristopher A. Meyer; Jerome L. Billingsley; John P. Matlock, Tacoma, Washington; Mary P. Horan, Renton, Washington; Daniel H. Knodel, Tacoma, Washington

567 RECENT DIEULAFOY'S LESION BLEEDING AND MASSIVE PULMONARY EMBOLI: SUCCESSFUL USE OF THROMBOLYTIC THERAPY
Michael S. Levin; Inna Vernovsky; Dennis J. Beer, Newton, Massachusetts

570 DESMOPLASTIC MALIGNANT MELANOMA PRESENTING AS A LUNG MASS
Dellice M. Dickhaus; Dan Schuller, St. Louis

571 CARDIOPULMONARY BYPASS AS AN ADJUNCT TO PULMONARY SURGERY
A. Marc Gillinov; Peter S. Greene; Richard S. Stuart; Richard F. Heitmiller, Baltimore

574 LOW-DOSE THROMBOLYSIS FOR THROMBOSED PROSTHETIC HEART VALVE
Etienne Delacretaz; Jurg Beer; Martin Fleisch; Beat J. Meyer; Urs Kaufmann; Bernhard Meier, Bern, Switzerland

576 KAPOSI'S SARCOMA OF THE TIP OF THE NOSE AS A SENTINEL SIGN FOR KAPOSI'S SARCOMA OF THE LUNG
Rajan B. Masih; Samson W. Jesudass; Abraham Verghese, El Paso, Texas

576 PULMONARY TOXICITY DURING GRANULOCYTE COLONY STIMULATING FACTOR ADMINISTRATION AND NEUTROPHILS
Masako Katoh; Masafumi Takada; Mitihiro Nakayama; Masanori Umeda, Tokyo, Japan

577 REASSESSING THE COST-EFFECTIVENESS OF LUNG TRANSPLANTATION
Thomas M. Egan, Chapel Hill, North Carolina
Response—Scott D. Ramsey; Eric B. Larson; Richard K. Albert; Ganesh Raghu; Douglas E. Wood; Donald L. Patrick, Seattle

577 SHAME ON US
Donald Greeley, Urbana, Illinois

578 VIDEO-ASSISTED THORACOSCOPIC SURGERY: THYMECTOMY
Alon Yellin, Tel Hashomer, Israel
Response—Anthony P. C. Yim, Hong Kong, Hong Kong

579 BRONCHIECTASIS IN AN AGING COHORT
Jerome M. Reich, Portland, Oregon

579 DETERMINATION OF POST-SALBUTAMOL METHACHOLINE DOSE SHIFT
Donald W. Cockcroft; Veronica A. Swystun; Sanjay Kaira, Saskatoon, Canada; Rajesh Bhagat, Columbia, Missouri

580 THE CAPTAIN RETURNS
Jayant B. Mehta, Johnson City, Tennessee

580 PHYSIOLOGIC DUAL CHAMBER PACING IN RADIATION-INDUCED ATRIOVENTRICULAR BLOCK
Luigi La Vecchia, Vicenza, Italy

581 PULMONARY ARTERY RUPTURE ILLUSTRATIONS
Sergio Ruiz-Santana; Alfredo Padrón; Dora Medina; Carlos Santana, Las Palmas, Spain
Response—Thomas J. Kearney, Piscataway, New Jersey

582 OUTCOME OF IN-HOSPITAL CARDIOPULMONARY RESUSCITATION
Ramanuja Das Gupta, Calcutta, India

582 ERRATUM
Lewis J. Rubin, Baltimore

NUMBER 3, SEPTEMBER, 1996

583 UPDATE ON NEW CORONARY RISK FACTORS
Carl J. Lavie, Jr.; Richard V. Milani, New Orleans; James H. O'Keefe, Jr., Kansas City, Missouri

584 THE RENIN-ANGIOTENSIN SYSTEM AND THE "LESSER CIRCULATION": A ROLE IN COR PULMONALE?
Lewis J. Rubin, Baltimore

585 AIDS-RELATED NON-HODGKIN'S LYMPHOMA: USEFUL TECHNIQUES FOR DIAGNOSIS
James W. Lynch, Gainesville, Florida

587 PULMONARY FUNCTION TESTS BEFORE SURGERY
David Macpherson, Pittsburgh

589 ADVANCE DIRECTIVES: CHANGING OUR EXPECTATIONS
Theresa S. Drought, San Francisco; Barbara A. Koenig; Thomas A. Raffin, Stanford, California

591 IS IT REALLY SAFE TO PERFORM BRONCHOSCOPY AFTER A RECENT ACUTE MYOCARDIAL INFARCT?
Paul A. Kvale, Detroit

592 "MODERN" SURGICAL THERAPY FOR TUBERCULOSIS
Joseph LoCicero III, Boston

593 *CHLAMYDIA PNEUMONIAE*: NEW DIAGNOSTIC TOOLS FOR DETECTION OF A COMMON PATHOGEN
Keith M. Ramsey; Richard D. deShazo, Mobile, Alabama

595 CARDIOVASCULAR SAFETY OF HIGH DOSES OF INHALED FENOTEROL AND ALBUTEROL IN ACUTE SEVERE ASTHMA
Michael T. Newhouse, Hamilton, Canada; Kenneth R. Chapman, Toronto, Canada; Andrew L. McCallum, Hamilton, Canada; Raja T. Abboud, Vancouver, Canada; Dennis M. Bowie, Dartmouth, Canada; Richard V. Hodder, Ottawa, Canada; Peter D. Paré, Vancouver, Canada; Hilda Mesic-Fuchs, Hamilton, Canada; Nestor A. Molfino, Ville St Laurent, Canada

604 ASTHMA DEATHS CONFOUNDED BY SUBSTANCE ABUSE: AN ASSESSMENT OF FATAL ASTHMA
Toby Levenson, Palo Alto, California; Paul A. Greenberger; Edmund R. Donoghue; Barry D. Lifschultz, Chicago

611 A COMPARISON OF IPRATROPIUM AND ALBUTEROL VS ALBUTEROL ALONE FOR THE TREATMENT OF ACUTE ASTHMA
Jill P. Karpel; E. Neil Schacter, Bronx, New York; Christopher H. Fanta, Boston; David Levey; Peter Spiro; Thomas K. Aldrich; Shailendra S. Menjoge; Theodore J. Witek, Bronx, New York

617 METAPROTERENOL RESPONSIVENESS AFTER METHACHOLINE- AND HISTAMINE-INDUCED BRONCHOCONSTRICTION
Serge Elsasser, Basel, Switzerland; Elio Donna, Coral Gables, Florida; M. Cuneyt Demirozu; Ignacio Danta; Adam Wanner, Miami Beach, Florida

624 CHARACTERISTICS AND DIAGNOSTIC SIGNIFICANCE OF WHEEZES DURING EXERCISE-INDUCED AIRWAY OBSTRUCTION IN CHILDREN WITH ASTHMA
Simon Rietveld; Edo H. Dooijes, Amsterdam, the Netherlands

632 BRONCHOCONSTRICTION DUE TO COLD WEATHER IN COPD: THE ROLES OF DIRECT AIRWAY EFFECTS AND CUTANEOUS REFLEX MECHANISMS
Heikki Koskela; Anna K. Koskela, Kuopio, Finland; Hannu Tukiainen, Siilinjarvi, Finland

637 SHORT-TERM EFFECTS OF INHALED B-ADRENERGIC AGONIST ON BREATHLESSNESS AND CENTRAL INSPIRATORY DRIVE IN PATIENTS WITH NONREVERSIBLE COPD
Jose M. Pino-Garcia; Francisco Garcia-Rio; Luis Gómez; Miguel Angel Racionero; Salvador Díaz-Lobato; José Villamor, Madrid, Spain

642 EFFECT OF DIFFERENT INSPIRATORY MANEUVERS ON FEV_1 IN PATIENTS WITH CYSTIC FIBROSIS
Cesare Braggion; Ugo Pradal; Gianni Mastella, Verona, Italy; Allan L. Coates; Joseph Milic-Emili, Montreal, Canada

648 SLEEP QUALITY AND NOCTURNAL RESPIRATORY FUNCTION WITH ONCE-DAILY THEOPHYLLINE (UNIPHYL) AND INHALED SALBUTAMOL IN PATIENTS WITH COPD
Godfrey C.W. Man, Edmonton, Canada; Kenneth R. Chapman, Toronto, Canada; S. Habib Ali; Andrew C. Darke, Pickering, Canada

654 SLEEP-DISORDERED BREATHING IN HEALTHY AGED PERSONS: FIFTH AND FINAL YEAR FOLLOW-UP
Barbara A. Phillips; David T.R. Berry; Tanja C. Lipke-Molby, Lexington, Kentucky

659 EXCESSIVE DAYTIME SLEEPINESS AT WORK AND SUBJECTIVE WORK PERFORMANCE IN THE GENERAL POPULATION AND AMONG HEAVY SNORERS AND PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
Jan Ulfberg, Avesta, Sweden; Ned Carter; Mats Talbäck; Christer Edling, Uppsala, Sweden

664 SLEEP DISORDERED BREATHING IN AMYOTROPHIC LATERAL SCLEROSIS
Kathleen Anne Ferguson; Michael J. Strong; Dildar Ahmad; Charles F. P. George, London, Canada

670 SLEEP APNEA SYNDROME AND CEREBRAL HEMODYNAMICS
Göran Hajak, Göttingen, Germany; Jurgen Klingelhofer, Munich, Germany; Maria Schulz-Varszegi, Göttingen, Germany; Dirk Sander, Munich, Germany; Eckart Ruther, Göttingen, Germany

680 CLARA CELL PROTEIN CORRELATION WITH HYPERLIPIDEMIA
Hiroaki Nomori; Hirotoshi Horio; Makoto Takagi; Ryuichirou Kobayashi; Yohji Hirabayashi, Tokyo, Japan

685 REPRODUCIBILITY OF CARDIOPULMONARY EXERCISE PARAMETERS IN PATIENTS WITH VALVULAR HEART DISEASE
Gunter Lehmann; Klaus Kölling, Munich, Germany

693 RELATIONSHIP BETWEEN LACTATE AND AMMONIA THRESHOLDS IN HEART TRANSPLANT PATIENTS
José L. Chicharro; Almudena F. Vaquero; Rocío Tello; Margarita Pérez; Alejandro Lucía, Madrid, Spain

698 ANGIOTENSIN II RECEPTOR BLOCKADE AND EFFECTS ON PULMONARY HEMODYNAMICS AND HYPOXIC PULMONARY VASOCONSTRICTION IN HUMANS
David G. Kiely; Robert I. Cargill; Brian J. Lipworth, Dundee, Scotland

704 PRIMARY PULMONARY HYPERTENSION AS A RISK FACTOR FOR THE DEVELOPMENT OF OBLITERATIVE BRONCHIOLITIS IN LUNG ALLOGRAFT RECIPIENTS
Vibhu R. Kshettry; Timothy J. Kroshus; Kay Savik; Marshall I. Hertz; R. Morton Bolman III, Minneapolis

710 COAGULATION AND FIBRINOLYTIC PROFILES IN PATIENTS WITH SEVERE PULMONARY HYPERTENSION

Carolyn H. Welsh; Kathryn L. Hassell; David B. Badesch; David C. Kressin; Richard A. Matar, Denver

718 FIBEROPTIC BRONCHOSCOPIC CRYOTHERAPY IN THE MANAGEMENT OF TRACHEOBRONCHIAL OBSTRUCTION
Praveen N. Mathur, Indianapolis; Karen M. Wolf, Lexington, Kentucky; Michael F. Busk, San Francisco; W. Mark Briete; Marylin A. Datzman, Indianapolis

724 NONINVASIVE POSITIVE PRESSURE VENTILATION VIA FACE MASK DURING BRONCHOSCOPY WITH BAL IN HIGH-RISK HYPOXEMIC PATIENTS
Massimo Antonelli; Giorgio Conti; Luigi Riccioni, Rome, Italy; Gianfranco Umberto Meduri, Memphis, Tennessee

729 THE PULMONARY MANIFESTATIONS OF AIDS-RELATED NON-HODGKIN'S LYMPHOMA
Mark D. Eisner, San Francisco; Lawrence D. Kaplan, Duluth, Georgia; Brian Herndier; Michael S. Stulberg, San Francisco

737 HEMOPTYSIS IN HIV-INFECTED PATIENTS
Judith E. Nelson; Marilyn F. Jacobowitz, New York

744 RISK OF PULMONARY COMPLICATIONS AFTER ELECTIVE ABDOMINAL SURGERY
Valerie A. Lawrence; Rahul Dhanda; Susan Hilsenbeck; Carey P. Page, San Antonio, Texas

751 VIDEO-ASSISTED THORACIC SURGERY IN THE ELDERLY: A REVIEW OF 307 CASES
Michael T. Jaklitsch; Malcolm M. DeCamp, Jr; Michael J. Liptay; David H. Harpole, Jr; Scott J. Swanson; Steven J. Mentzer; David J. Sugarbaker, Boston

759 PROFILE OF CHEST INJURIES ARISING FROM THE 1995 SOUTHERN HYOGO PREFECTURE EARTHQUAKE
Naoki Yoshimura; Shinichi Nakayama; Keitaro Nakagiri; Takashi Azami; Keiji Ataka; Noboru Ishii, Kobe, Japan

762 SOME IMPORTANT DETAILS IN THE TECHNIQUE OF PERCUTANEOUS DILATATIONAL TRACHEOSTOMY VIA THE MODIFIED SELDINGER TECHNIQUE
William H. Marx, Syracuse, New York; Pasquale Ciaglia; Kenneth D. Graniero, Utica, New York

767 NONINVASIVE POSITIVE PRESSURE VENTILATION IN STATUS ASTHMATICUS
Gianfranco Umberto Meduri, Memphis, Tennessee; Timothy R. Cook, Little Rock, Arkansas; Robert E. Turner; Mark Cohen; Kenneth V. Leeper, Jr, Memphis, Tennessee

775 EFFECT OF TRACHEAL GAS INSUFFLATION ON DEMAND VALVE TRIGGERING AND TOTAL WORK DURING CONTINUOUS POSITIVE AIRWAY PRESSURE VENTILATION
James D. Hoyt, Fort Collins, Colorado; John J. Marini; Avi Nahum, St. Paul, Minnesota

784 INFLUENCE OF HYPERTONIC SALINE SOLUTION INFUSION ON DEFIBRILLATION EFFICACY
Michael R. Ujhelyi; Allison P. Winecoff; Michael Schur; Thomas Frede, Augusta, Georgia; Michael B. Bottorff, Memphis, Tennessee; Marjorie Gabel, Augusta, Georgia; Michael L. Markel, Canton, Ohio

791 OBSTETRIC COMPLICATIONS IN PULMONARY AND CRITICAL CARE MEDICINE
Norman W. Rizk; Kenneth G. Kalassian; Timothy Gilligan; Mauricio I. Druzin, Stanford, California; David L. Daniel, Wenatchee, Washington

810 CARDIOPULMONARY PHYSIOLOGY AND PATHOPHYSIOLOGY AS A CONSEQUENCE OF LAPAROSCOPIC SURGERY
Kailash C. Sharma; Robert D. Brandstetter; Jeffrey M. Brensilver; Lance D. Jung, New Rochelle, New York

816 PULLING THE PLUG ON LIVING WILLS: A CRITICAL ANALYSIS OF ADVANCED DIRECTIVES
Mark R. Tonelli, Seattle

823 ISOLATED LATE ASTHMATIC REACTION AFTER EXPOSURE TO A HIGH-MOLECULAR-WEIGHT OCCUPATIONAL AGENT, SUBTILISIN
Catherine Lemière; André Cartier, Montreal, Canada; Jerry Dolovich, Hamilton, Canada; Jean-Luc Malo, Montreal, Canada

825 ANALYSIS OF THE SAFETY OF BRONCHOSCOPY AFTER RECENT ACUTE MYOCARDIAL INFARCTION
Raed A. Dweik, Shaker Heights, Ohio; Atul C. Mehta, Cleveland; David P. Meeker, Cambridge, Masssachusetts; Alejandro C. Arroliga, Cleveland

829 THE ROLE OF VIDEO-ASSISTED THORACOSCOPIC SURGERY IN THE MANAGEMENT OF PULMONARY TUBERCULOSIS
Anthony P.C. Yim, Hong Kong, Hong Kong

833 A 26-YEAR-OLD MAN WITH SHORTNESS OF BREATH, FEVER, AND HEMOPTYSIS

835 NONRESOLVING SPONTANEOUS PNEUMOTHORAX IN A 38-YEAR-OLD WOMAN
Harmeet S. Gill, Mesa, Arizona; Joseph J. Stetz, Brighton, Massachusetts; Frank K. Chong; Bartolome R. Celli, Boston

838 CHRONIC PNEUMONIA: PRIMARY MALIGNANT NON-HODGKIN'S LYMPHOMA OF THE LUNG ARISING IN MUCOSA-ASSOCIATED LYMPHOID TISSUE
William H. Chow; Yvan Ducheine; Jane Hilfer; Robert D. Brandstetter, New Rochelle, New York

841 TRANSIENT FALL IN OXYGEN INTAKE DURING EXERCISE IN CONGESTIVE HEART FAILURE
Alain Cohen-Solal; Jean Francois Aupetit; Eric Page; Michel Geneves; Rene Gourgon, Clichy, France

844 TRANSTRACHEAL OXYGEN CATHETERIZATION WITH PNEUMOMEDIASTINUM AND SUDDEN DEATH
Maj David A. Kristo, MC, USA, Landstuhl, Germany; J.F. Turner, Jr, West Palm Beach, Florida; Ruth Hugler, Landstuhl, Germany

846 ATRIAL SEPTAL ANEURYSM PLUS A PATENT FORAMEN OVALE: A PREDISPOSING FACTOR FOR PARADOXICAL EMBOLISM AND REFRACTORY HYPOXEMIA DURING PULMONARY EMBOLISM
Philippe Estagnasié; Kamel Djedaini; Geneviève Le Bourdellès; François Coste; Didier Dreyfuss, Colombes, France

849 BILATERAL TUBERCULOUS PLEURAL EFFUSIONS WITH MARKEDLY DIFFERENT CHARACTERISTICS
Maj Susan Murin, MC, USAF, Sacramento, California; Ernest D. Moritz, New Haven, Connecticut

850 CENTRAL ALVEOLAR HYPOVENTILATION SYNDROME (ONDINE'S CURSE) WITH GASTROESOPHAGEAL REFLUX
Shinichi Takeda; Yoshitaka Fujii; Hisayoshi Kawahara; Kazuya Nakahara; Hikaru Matsuda, Osaka, Japan

852 UNUSUAL ETIOLOGY OF COUGH IN A WOMAN WITH ASTHMA
Frank Sorhage, Ft. Lauderdale, Florida; Diane E. Stover, New York; Ala S. Mortazavi, Falls Church, Virginia

855 BASEMENT SHOWER HYPERSENSITIVITY PNEUMONITIS SECONDARY TO EPICOCCUM NIGRUM
Mary Beth Hogan, Morgantown, West Virginia; Roy Patterson, Chicago; R. Scott Pore; W. Thomas Corder; Nevin W. Wilson, Morgantown, West Virginia

857 EROSION OF THE RIGHT MAINSTEM BRONCHUS BY AN ESOPHAGEAL STENT
Katherine P. Hendra; Jussi J. Saukkonen, Boston

858 TORULOPSIS PNEUMONIA: A CASE REPORT AND REVIEW OF THE LITERATURE
Sangeeta Srivastava; George Kleinman; Constantine A. Manthous, Bridgeport, Connecticut

862 ENHANCING PATIENT COMPLIANCE IN ASTHMA MANAGEMENT
Joseph T. Marino, Carmichael, California

862 WHAT ABOUT BRANTIGAN?
Joseph M. Miller, Timonium, Maryland
Response—Gordon L. Snider, Boston

863 DETERMINING THE PATHOGENETIC SIGNIFICANCE OF CYTOMEGALOVIRUS IN PATIENTS WITH AIDS
Maria Antoniou, Montreal, Canada; Charles K. Chan, Toronto, Canada

863 DO THE METHODS JUSTIFY THE CONCLUSION? DOPEXAMINE AND SPLANCHNIC BLOOD FLOW
Mark T. Patten; Armand R.J. Girbes, Groningen, Netherlands

864 PATIENT SELECTION FOR UVULOPALATOPHARYNGOPLASTY
A. Simon Carney; Nick S. Jones, Nottingham, United Kingdom
Response—Victor Hoffstein, Toronto, Ontario, Canada

864 VIDEO-ASSISTED THORACOSCOPIC THYMECTOMY VS "MAXIMAL" THYMECTOMY FOR MYASTHENIA GRAVIS
Vito D'Andrea; Fausto Biancari; Enrico De Antoni, Rome, Italy
Response—Anthony P.C. Yim, Hong Kong, Hong Kong

865 PITFALL IN THE P_{CO_2} GRADIENT
A. Ross Hill; Peter Homel, Brooklyn, New York
Response—Richard W. Light; Scott A. Sasse, Long Beach, California

866 ACCP CONSENSUS CONFERENCE ON ANTITHROMBOTIC THERAPY: INDICATE SPECIFIC LOW MOLECULAR WEIGHT HEPARIN PRODUCT AND DOSAGE
Bob L. Lobo; William L. Greene, Memphis, Tennessee

NUMBER 4, OCTOBER, 1996

867 *CHEST* GRADES OUT CONSIDERABLY WELL
A. Jay Block, Gainesville, Florida

867 SYSTEMIC CORTICOSTEROIDS IN COPD: AN UNRESOLVED CLINICAL DILEMMA
Dennis E. Niewoehner, Minneapolis; Marcia L. Erbland, Little Rock, Arkansas

869 THE AMERICAN COLLEGE OF RADIOLOGY APPROPRIATENESS CRITERIA: WILL THEY BE USEFUL FOR US?
Frederick R. Bode, Columbia, Missouri; Philip N. Cascade, Ann Arbor, Michigan

871 DORNASE ALFA THERAPY IN CYSTIC FIBROSIS: WHO SHOULD GET IT?
Jamshed F. Kanga, Lexington, Kentucky

873 ENDOGENOUS NITRIC OXIDE IN EXHALED HUMAN BREATH: A NEW MEANS OF MONITORING AIRWAY DISEASE ACTIVITY OR ANOTHER NO-NO?
Stephen J. Brett; Timothy W. Evans, London, England

874 ICU STAY AFTER SINGLE LUNG TRANSPLANTATION
Victor F. Tapson, Durham, North Carolina

876 ENHANCING MUCOCILIARY CLEARANCE
Gerald L. Baum, Tel Aviv, Israel

877 LUNG VOLUME REDUCTION SURGERY IN VENTILATOR-DEPENDENT COPD PATIENTS
Gerard J. Criner; Gerald M. O'Brien; Satoshi Furukawa; Francis C. Cordova; Morris A. Swartz; Manucher Fallahnejad; Gilbert E. D'Alonzo, Jr., Philadelphia

885 COMBINED OPERATIONS FOR LUNG VOLUME REDUCTION SURGERY AND LUNG CANCER
Robert J. McKenna, Jr., Los Angeles; Richard Fischel; Matthew Brenner, Orange, California; Arthur F. Gelb, Lakewood, California

889 EFFECTS OF 12-WEEK ADMINISTRATION OF DORNASE ALFA IN PATIENTS WITH ADVANCED CYSTIC FIBROSIS LUNG DISEASE
Karen McCoy, Columbus, Ohio; Scott Hamilton; Charles Johnson, South San Francisco, California; and the Pulmozyme Study Group

896 PHYSIOLOGICAL FACTORS THAT DETERMINE THE HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH COPD
Mitsuhiro Tsukino; Koichi Nishimura; Akihiko Ikeda; Hiroshi Koyama; Michiaki Mishima; Takateru Izumi, Kyoto, Japan

904 ACUTE EFFECTS OF INHALED AND IV COCAINE ON AIRWAY DYNAMICS
Donald P. Tashkin; Eric C. Kleerup; Shankar N. Koyal; Jose A. Marques; Michael Goldman, Los Angeles

911 AIRWAY HYPERRESPONSIVENESS TO METHACHOLINE IN SUBJECTS WITH SPINAL CORD INJURY
Effie Singas, Astoria, New York; Marvin D. Lesser; Ann M. Spungen; William A. Bauman; Peter L. Almenoff, Bronx, New York

916 ADAPTATION OF LUNG ANTIOXIDANTS TO CIGARETTE SMOKING IN HUMANS
Janet L. Hilbert, Waterbury, Connecticut; Vahid Mohsenin, New Haven, Connecticut

921 CIGARETTE SMOKING HABITS AMONG SCHOOLCHILDREN
Boaz Meijer; David Branski, Jerusalem, Israel; Klaas Knol, Groningen, the Netherlands; Eitan Kerem, Jerusalem, Israel

927 ROLE OF ENDOGENOUS NITRIC OXIDE IN AIRFLOW LIMITATION IN SMOKERS
Hiroshi Kanazawa; Seiichi Shoji; Kazuto Hirata; Nactsugu Kurihara, Osaka, Japan; Junichi Yoshikawa, Kobe, Japan

930 ORIGINS OF BREATH NITRIC OXIDE IN HUMANS
William C. Dillon; Václav Hampl; Pamela J. Shultz; Jeffrey B. Rubins; Stephen L. Archer, Minneapolis

939 URINARY LEUKOTRIENE E_4 LEVELS IN HIGH-ALTITUDE PULMONARY EDEMA: A POSSIBLE ROLE FOR INFLAMMATION
David A. Kaminsky, Burlington, Vermont; Ken Jones, Denver; Robert B. Schoene, Seattle; Norbert F. Voelkel, Denver

946 URINARY LEUKOTRIENE E_4 LEVELS INCREASE UPON EXPOSURE TO HYPOBARIC HYPOXIA
James M. Roach, Sudbury, Massachusetts; Stephen R. Muza; Paul B. Rock; Timothy P. Lyons, Natick, Massachusetts; Craig M. Lilly, Concord, Massachusetts; Jeffrey M. Drazen, Boston; Allen Cymerman, Natick, Massachusetts

952 PATIENTS WITH ACUTE HYPERVENTILATION PRESENTING TO AN INNER-CITY EMERGENCY DEPARTMENT
Sigmar G.N. Saisch; Simon Wessely; William N. Gardner, London, England

958 ARTERIAL BLOOD GAS CHANGES DURING BREATH-HOLDING FROM FUNCTIONAL RESIDUAL CAPACITY
Scott A. Sasse; Richard B. Berry; Tan K. Nguyen; Richard W. Light; C. Kees Mahutte, Long Beach, California

965 A PROSPECTIVE RANDOMIZED STUDY OF INPA-

TIENT IV ANTIBIOTICS FOR COMMUNITY-ACQUIRED PNEUMONIA: THE OPTIMAL DURATION OF THERAPY
Robert E. Siegel; Neil A. Halpern; Peter L. Almenoff; Alice Lee; Robert Cashin, Bronx, New York; Jerry G. Greene, Albany, New York

972 DETECTION OF *MYCOPLASMA PNEUMONIAE* BY POLYMERASE CHAIN REACTION IN LUNG ASPIRATES FROM PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA
Miquel Falguera; Antoni Nogues; Agustin Ruiz-Gonzalez; Mercé Garcia; Teresa Puig; Lleida, Spain

977 UTILITY OF CT IN THE EVALUATION OF PULMONARY TUBERCULOSIS IN PATIENTS WITHOUT AIDS
Kyung Soo Lee; Jae Woong Hwang; Man Pyo Chung; Hojoong Kim; O Jung Kwon, Seoul, Korea

985 EFFECT OF PHYSICAL TRAINING ON EXERCISE CAPACITY AND GAS EXCHANGE IN PATIENTS WITH CHRONIC HEART FAILURE
Kai Kiilavuori; Anssi R. A. Sovijärvi; Hannu Näveri; Timo Ilonen; Hannu Leinonen, Helsinki, Finland

992 THE CLINICAL RELEVANCE OF CIRCULATING TUMOR NECROSIS FACTOR-A IN ACUTE DECOMPENSATED CHRONIC HEART FAILURE WITHOUT CACHEXIA
Richard V. Milani, New Orleans; Mandeep R. Mehra, Metairie, Louisiana; Stefan Endres; Andreas Eigler; E. Shannon Cooper, Munich, Germany; Carl J. Lavie, Jr.; Hector O. Ventura, New Orleans

996 THE CHARACTERISTICS OF THE THROMBI OF THE LOWER LIMBS, AS DETECTED BY ULTRASONIC SCANNING, DO NOT PREDICT PULMONARY EMBOLISM
Luigi Lusiani; Adriana Visona; Andrea Bonanome; Raffaele Pesavento; Pierluigi Zanco, Castelfranco Veneto, Italy

1001 THROMBOEMBOLISM FOLLOWING CARDIOVERSION OF "COMMON" ATRIAL FLUTTER: RISK FACTORS AND LIMITATIONS OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY
Davendra Mehta; Lawrence Baruch, New York

1004 IS IT POSSIBLE TO DIFFERENTIATE MALIGNANT MEDIASTINAL NODES FROM BENIGN NODES BY SIZE?: REEVALUATION BY CT, TRANSESOPHAGEAL ECHOCARDIOGRAPHY, AND NODAL SPECIMEN
Takeshi Arita; Tsuneo Matsumoto; Tatsuya Kuramitsu; Mitsutoshi Kawamura, Yamaguchi, Japan; Naofumi Matsunaga, Nagasaki, Japan; Kazuro Sugi; Kensuke Esato, Yamaguchi, Japan

1009 POSTURAL VARIATIONS OF PULMONARY DIFFUSING CAPACITY IN INSULIN-DEPENDENT DIABETES MELLITUS
Leonello Fuso; Patrizia Cotroneo; Salvatore Basso, Roma, Italy; Marino De Rosa, Rome, Italy; Andrea Manto; Giovanni Ghirlanda, Roma, Italy; Riccardo Pistelli, Rome, Italy

1014 PREDICTING ICU LENGTH OF STAY FOLLOWING SINGLE LUNG TRANSPLANTATION
Kang H. Lee; G. Daniel Martich; Arthur J. Boujoukos; Robert J. Keenan; Bartley P. Griffith, Pittsburgh

1018 PREDICTING EVENTUAL SUCCESS OR FAILURE TO WEAN IN PATIENTS RECEIVING LONG-TERM VENTILATION
Eric H. Gluck; Linda Corgian, North Chicago, Illinois

1025 DIAGNOSIS AND TREATMENT OF VENTILATOR-ASSOCIATED PNEUMONIA—IMPACT ON SURVIVAL: A DECISION ANALYSIS
Timothy R. Sterling, Baltimore; Edward J. Ho; Walter T. Brehm, Keesler AFB, Mississippi; Michael B. Kirkpatrick, Mobile, Alabama

1035 ASSOCIATION BETWEEN REDUCED CUFF LEAK VOLUME AND POSTEXTUBATION STRIDOR
Rachel L. Miller; Randolph P. Cole, New York

1041 INHALED NITRIC OXIDE SELECTIVELY DECREASES PULMONARY ARTERY PRESSURE AND PULMONARY VASCULAR RESISTANCE FOLLOWING ACUTE MASSIVE PULMONARY MICROEMBOLISM IN PIGLETS
Bernd W. Bottiger; Johann Motsch; Joachim Dorsam; Ulf Mieck; Andre Gries; Jorg Weimann; Elke Martin, Heidelberg, Germany

1048 TREATMENT OF MUCOCILIARY DYSFUNCTION
Matthias A. Salathe, Coral Gables, Florida; Thomas G. O'Riordan, Miami; Adam Wanner, Miami Beach, Florida

1058 CORTICOSTEROIDS AND THE TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS: PAST, PRESENT, AND FUTURE
Douglas W. Mapel, Albuquerque; Jonathan M. Samet, Baltimore; David B. Coultas, Albuquerque

1068 ECONOMIC ASPECTS OF LUNG VOLUME REDUCTION SURGERY
Richard K. Albert; Sarah Lewis; Douglas E. Wood; Joshua O. Benditt, Seattle

1072 NIDA CONFERENCE REPORT ON CARDIOPULMONARY COMPLICATIONS OF "CRACK" COCAINE USE: CLINICAL MANIFESTATIONS AND PATHOPHYSIOLOGY
Pushpa V. Thadani, Rockville, Maryland

1077 THE PHARYNGEAL CRITICAL PRESSURE: THE WHYS AND HOWS OF USING NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE DIAGNOSTICALLY
Avram R. Gold, Northport, New York; Alan R. Schwartz, Baltimore

1089 ATRIAL FIBRILLATION: PROBLEMS IN MANAGEMENT
Morton E. Tavel, Indianapolis; S. Mark Sopher; A. John Camm, London, England

1092 *EN BLOC* MINIMAL LASER RESECTION FOR T3-CHEST WALL LUNG CANCER IN PATIENTS WITH POOR PULMONARY FUNCTION
Tommaso Claudio Mineo; Vincenzo Ambrogi; Eugenio Pompeo; Italo Nofroni, Rome, Italy

1097 CALCIFIED CARDIAC LESION
Ajay K. Gopal; Matthew T. Roe, Durham, North Carolina

1099 CHRONIC MILD DYSPNEA ON EXERTION AND DIFFUSE ALVEOLAR INFILTRATES IN A 37-YEAR-OLD MAN
Bennet M. Wang, Bellevue, Washington; Eric J. Stern; David J. Pierson, Seattle

1102 PNEUMOTHORAX *EX VACUO*
John H. Woodring; Michael D. Baker, Lexington, Kentucky; Paul Stark, Boston

1105 KYPHOSIS SECONDARY TO TUBERCULOSIS OSTEOMYELITIS AS A CAUSE OF VENTILATORY FAILURE: CLINICAL FEATURES, MECHANISMS, AND MANAGEMENT
Ian E. Smith; Clare M. Laroche; Sarah A. Jamieson; John M. Shneerson, Cambridge, England

1110 THE USE OF A BRONCHIAL BLOCKER TO IMPROVE GAS EXCHANGE IN THE SETTING OF RESPIRATORY FAILURE AND DIFFERENTIAL LUNG DISEASE
Arthur J. Boujoukos; Robert J. Keenan, Pittsburgh

1111 CHRONIC AORTIC DISSECTION PRESENTING AS A PROLONGED FEBRILE DISEASE AND ARTERIAL EMBOLIZATION
Ami Schattner, Stanford, California; Avraham Klepfish; Avraham Caspi, Rehovot, Israel

1115 RETREATMENT OF RECURRENT INVASIVE THYMOMA WITH PLATINUM, DOXORUBICIN, AND CYCLOPHOSPHAMIDE
Primo N. Lara, Jr., Sacramento, California; Philip Bonomi; L. Penfield Faber, Chicago

1117 CHEST PAIN IN AN ASPIRIN-SENSITIVE ASTHMATIC PATIENT: EOSINOPHILIC ESOPHAGITIS CAUSING ESOPHAGEAL DYSMOTILITY
Stephen L. Hempel; David E. Elliott, Iowa City

1120 UPPER AIRWAYS OBSTRUCTION SECONDARY TO ACINIC CELL CARCINOMA OF THE TRACHEA: USE OF ND:YAG LASER
M. Ali Ansari; Alberto M. Salvachevsky; Leslie M. Stricke; Zab Mohsenifar, Los Angeles

1122 NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE IN THE TREATMENT OF NEAR-DROWNING IN FRESH WATER
Maurizio Dottorini; Amir Eslami; Stefano Baglioni, Perugia, Italy; Giuseppe Fiorenzano, Sondalo, Italy; Tommaso Todisco, Perugia, Italy

1125 RESECTING PULMONARY CANCER OF A COLORECTAL ORIGIN
Bob D. Verhoog; Ger Jan Heijmans; Louis P.M. Greefhorst; Rob A. J. de Vos, Hengelo, the Netherlands

1125 BLUNT CARDIAC INJURY
Krista L. Kaups, Fresno, California

1126 LOCAL ANESTHESIA WITH THORACOSCOPIC TALC POUDRAGE PLEURODESIS
Yossef Aelony, Rancho Palos Verdes, California; Christian Boutin, Marseille, France
Response—Mani S. Kavuru, Cleveland; Prasoon Jain, Mayfield Heights, Ohio; Thomas W. Rice, Cleveland

1127 EXERCISE-INDUCED BRONCHOCONSTRICTION IN HEALTHY ATHLETES
Jan M. Bogaard; S.E. Overbeek, Rotterdam, the Netherlands

1127 MYASTHENIA GRAVIS AND UPPER AIRWAY DYSFUNCTION
Eduardo Garcia-Pachon, Alicante, Spain; Pere Casan; Joaquin Sanchis, Barcelona, Spain

1128 ISOTRETINOIN-RELATED EOSINOPHILIC PLEURAL EFFUSION
Bernard Jean Milleron; Judith Valcke; Georges M. Akoun; Charles M. Mayaud, Paris, France

1128 TUBERCULOSIS PATIENTS: WHO SHOULD WE ISOLATE?
Rogelio M. Co, Lynbrook, New York; William A. Ankobiah, Rosedale, New York
Response—Robert A.C. Cohen; Shirin Muzaffar, Chicago

1129 INTRACTABLE HICCUPS: CONSIDER NEBULIZED LIDOCAINE
Teresa A. Neeno; Edward C. Rosenow, III, Rochester, Minnesota

1130 RISKS OF HOME OXYGEN THERAPY FOR CIGARETTE SMOKERS
Salim A. Kathawalla, Eden Prairie, Minnesota; Atul C. Mehta, Cleveland

1130 ERRATUM

NUMBER 4, OCTOBER, 1996
Supplement

1S TRANSCUTANEOUS VERSUS ARTERIAL BLOOD GAS MONITORING AT REST AND DURING EXERCISE TESTING

1S OPTIMAL SPUTUM CYTOLOGY COLLECTION METHOD

1S IMPACT OF CONTINUOUS LATERAL ROTATION THERAPY OF FORTY-FIVE DEGREES ON THE OXYGENATION OF MECHANICALLY VENTILATED PATIENTS

1S USE OF A RESERVOIR NASAL CANNULA IN HOSPITALIZED PATIENTS WITH REFRACTORY HYPOXEMIA

2S EFFICACY OF INFERIOR VENA CAVA FILTERS (IVCF) IN SELECTED PATIENTS WITH VERY HIGH RISK FOR FATAL PULMONARY EMBOLISM

2S CARDIAC AUSCULTATORY SKILLS AMONG PHYSICIANS-IN-TRAINING: A COMPARISON OF THREE ENGLISH-SPEAKING COUNTRIES

2S CARDIAC AUSCULTATORY SKILLS AMONG INTERNAL MEDICINE AND FAMILY PRACTICE TRAINEES: A COMPARISON OF DIAGNOSTIC PROFICIENCY

2S FACTORS PREDICTING IMPROVEMENT IN EXERCISE CAPACITY FOLLOWING SHORT-TERM EXERCISE TRAINING SOON AFTER ACUTE MYOCARDIAL INFARCTION

3S TREATMENT AND PROGNOSIS OF FIRST Q AND NON-Q MI PATIENTS DO NOT DIFFER IN THE 1990S

3S CORRELATION BETWEEN REGIONAL AND GLOBAL MYOCARDIAL PERFUSION AND FUNCTION DURING DOBUTAMINE INFUSION WITH SIMULTANEOUS USE OF TA-178 AND TC-99M SESTAMIBI

3S LEFT VENTRICULAR DYSFUNCTION IN HEMORRHAGIC SHOCK

3S CIRCULATING E-SELECTIN AND ICAM-1: CORRELATION WITH INTENSITY OF SHOCK, ORGAN HYPOPERFUSION, AND INFLAMMATION IN CRITICAL ILLNESS

4S TONOMETRIC-CAPNOGRAPHIC GRADIENTS DURING HEMORRHAGIC SHOCK

4S EVALUATION OF A RAPID ASSAY FOR ENDOTOXEMIA CORRELATION WITH MORTALITY AND MULTIORGAN DYSFUNCTION

4S EARLY PULMONARY DYSFUNCTION FOLLOWING INFUSION OF LIVE *E COLI*

4S LASER-INDUCED AUTOFLUORESCENCE IN EXPERIMENTAL ORAL CANCER: DIAGNOSTIC POTENTIAL AND A COMPARATIVE STUDY BETWEEN *IN VIVO* AND *IN VITRO* SAMPLING

5S THE ROLE OF TECHNETIUM-99M METHOXY-ISOBUTYLISONITRILE (MIBI) SCAN IN THE DETECTION OF LUNG CANCER

5S EUS GUIDED FINE NEEDLE ASPIRATION BIOPSY

5S ENDOBRONCHIAL ULTRASOUND GUIDED NEEDLE ASPIRATION OF PARATRACHEAL ADENOPATHY

5S COMPARISON BETWEEN BRONCHOSCOPIC BRONCHIAL BRUSH WASHING AND BRONCHIAL BRUSHING IN THE DIAGNOSIS OF LUNG CANCER 2

6S INTERMITTENT NEGATIVE PRESSURE VENTILATION (INPV) DURING ANAESTHESIA FOR LASER THERAPY (LT) OF ENDO-BRONCHIAL LESIONS

6S HELICAL COMPUTED TOMOGRAPHY GENERATED VIRTUAL BRONCHOSCOPY: CORRELATION WITH FIBEROPTIC BRONCHOSCOPY

6S BRONCHOSCOPIC ELECTROCAUTERY AS AN ALTERNATIVE FOR ND-YAG LASER IN PATIENTS WITH INTRALUMINAL TUMOR

6S BRACHYTHERAPY AS A PALLIATIVE TREATMENT IN NON SMALL CELL LUNG CANCER

7S FLEXIBLE FIBEROPTIC BRONCHOSCOPY—A SAFE AND EFFECTIVE METHOD FOR ENDOBRONCHIAL METAL STENT IMPLANTATION

7S THE EFFECT OF A FULL-TIME MEDICAL INTEN-

SIVIST ON PATIENT CARE IN A COMMUNITY TEACHING HOSPITAL
7S ESTIMATING ICU COST SAVINGS: REDUCING LOW RISK-MONITORED ONLY (LRM) PATIENTS USING RISK ADJUSTED HOSPITAL OUTCOME DATA
7S OBESITY AND TRAUMA PATIENT OUTCOME
8S THE IMPACT OF WEIGHT ON ICU COST IN PATIENTS WITH UNEXPLAINED HYPOTENSION
8S RELATIONSHIP OF PREOPERATIVE VARIABLES TO PROLONGED MECHANICAL VENTILATION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING
8S A MORTALITY MODEL FOR CRITICALLY ILL CANCER PATIENTS
8S THE EFFECT OF KPI-185 ADMINISTRATION OF POST-CARDIOPULMONARY BYPASS PULMONARY PATHOPHYSIOLOGY AND HEMOGLOBIN LOSS
9S CARDIOPULMONARY BYPASS (CPB) AND ENDOTOXIN SYNERGISTICALLY INDUCE THE ADULT RESPIRATORY DISTRESS SYNDROME (ARDS)
9S PREDICTOR OF "FAST TRACK" OUTLIERS IN CORONARY ARTERY BYPASS SURGERY
9S MINIMALLY INVASIVE CORONARY ARTERY BYPASS GRAFT (MICABG): IMPORTANCE OF VIDEOTHORACOSCOPY (VATS)
9S CLINICAL IMPORTANCE OF MEASURING CORONARY GRAFT FLOWS IN THE REVASCULARIZED HEART: ULTRASONIC OR ELECTROMAGNETIC?
10S CLINICAL FEATURES ASSOCIATED WITH THE DEVELOPMENT OF PROGRESSIVE MASSIVE FIBROSIS (PMF)
10S LONGITUDINAL PATTERNS OF AIRWAY RESPONSIVENESS TO METHACHOLINE AND ANNUAL FEV_1 DECLINE IN COAL MINERS AND NONMINER CONTROLS
10S ENVIRONMENTAL TOBACCO SMOKE EXPOSURE AND HEALTH EFFECTS IN NONSMOKING ADULTS: RESULTS FROM THE 1991 NATIONAL HEALTH INTERVIEW SURVEY
10S INDOOR LEVEL OF PROTEASES AS A MARKER OF RESPIRATORY ILLNESS IN ELDERLY POPULATION
11S ABSENCE OF P53 GENE MUTATIONS IN MALIGNANT PLEURAL MESOTHELIOMA
11S NEDOCROMIL SODIUM WORSENS OZONE-INDUCED LUNG FUNCTION CHANGES IN HEALTHY NONSMOKING SUBJECTS
11S USE OF GT-002 TO PREVENT BLEOMYCIN-INDUCED PULMONARY FIBROSIS IN RATS
11S 5-AMINOLEVULINIC-ACID (ALA) IS A PROMISING PHOTOSENSITZER FOR PHOTODYNAMIC DIAGNOSIS AND THERAPY OF BRONCHIAL TUMOR
12S BRONCHOSCOPIC ELECTROCAUTERY HAS A CURATIVE POTENTIAL FOR SMALL INTRALUMINAL TUMORS
12S CORRELATION OF TOTAL-BODY FDG-PET SCAN WITH OTHER IMAGING STUDIES IN STAGING LUNG CANCER
12S IMPACT OF ABDOMINAL METASTASES ON THE RESULTS OF CHEMOTHERAPY AND ON THE COURSE OF LUNG LESIONS IN EXTENSIVE SMALL CELL LUNG CANCER (SCLC)
12S PHOTODYNAMIC THERAPY FOR ENDOBRONCHIAL MALIGNANCY: THE MINIMAL EFFECTIVE DOSE OF PHOTOFRIN
13S THE INSERTION/DELETION POLYMORPHISM OF THE ANGIOTENSIN-CONVERTING ENZYME GENE AND VENTRICULAR DILATION AFTER MYOCARDIAL INFARCTION
13S HOME INTRAVENOUS INOTROPIC THERAPY IN ADVANCED HEART FAILURE: COST ANALYSIS AND CLINICAL OUTCOMES
13S THE HEMODYNAMIC AND VENTILATORY PROFILE OF SUBMAXIMAL EXERCISE IN PATIENTS WITH HEART FAILURE
13S MAINTENANCE DIGOXIN DOSAGE IN PATIENTS WITH CONGESTIVE HEART FAILURE: NOMOGRAM VERSUS EMPIRICAL APPROACH
14S AUTONOMIC NERVOUS SYSTEM AND NEUROHUMORAL CORRELATION IN CHRONIC HEART FAILURE PATIENTS
14S COMPARISON OF CARDIAC CHAMBER SIZE AND LEFT VENTRICULAR FUNCTION IN MORBIDLY OBESE SUBJECTS WITH AND WITHOUT CONGESTIVE HEART FAILURE
14S SUCCESS IN USING NON-INVASIVE MECHANICAL VENTILATION IS PREDICTED BY PATIENT PATHOPHYSIOLOGY. A RETROSPECTIVE REVIEW OF 110 PATIENTS
14S PROPORTIONAL ASSIST VENTILATION: EFFECTS ON BREATHING PATTERN AND INSPIRATORY EFFORT IN SEVERE COPD
15S EFFECT OF NON-INVASIVE POSITIVE PRESSURE OF VENTILATION ON RATE OF DECLINE OF LUNG FUNCTION IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS
15S NONINVASIVE ASSISTED VENTILATION (NAV) USING A HOSPITAL BASED RESPIRATORY THERAPIST-DRIVEN PROTOCOL AND PERSPECTIVE PATIENT REGISTRY
15S COMPARISON OF DYNAMIC AND STATIC INTRINSIC PEEP IN A LUNG MODEL WITH TWO DIFFERENT LEVELS OF INTRINSIC PEEP
15S THE WORK OF BREATHING WITH DIFFERENT FLOW-TRIGGERING MECHANISMS DURING WEANING AFTER CARDIAC SURGERY
16S INCREASED INTERLEUKIN-8 PRODUCTION BY B-ADRENOCEPTOR ACTIVATION IN HUMAN BRONCHIAL EPITHELIAL CELLS
16S BRONCHOALVEOLAR LAVAGE IL-LB AND THE TNFA CORRELATE TO MECHANICAL VENTILATION EFFECTS
16S THE SOURCE OF CYTOKINES DURING CLINICAL CARDIOPULMONARY BYPASS: THE HEART OR THE LUNG?
16S STIMULATION OF INTERLEUKIN PRODUCTION FROM HUMAN AIRWAY EPITHELIAL CELLS BY *PSEUDOMONAS AERUGINOSA* ANTIGEN PA-I
17S CHANGES OF CYTOKINE SERUM CONCENTRATIONS AFTER INHALATIVE LEAD EXPOSURE
17S THE EFFECT OF SODIUM CITRATE IN ARTERIAL LINES ON ACID-BASE AND ELECTROLYTE MEASUREMENTS
17S COMPARISON OF COMPLETE BLOOD COUNT HEMOGLOBIN AND COOXIMETER VALUES
17S CARDIAC OUTPUT MEASUREMENT BY THORACIC ELECTRICAL BIO-IMPEDANCE VERSUS THERMODILUTION TECHNIQUE IN CRITICALLY ILL PATIENTS
18S CLOSING THE GAP: A SIMPLE METHOD OF IMPROVING THE ACCURACY OF THE ANION GAP
18S PROSPECTIVE COMPARISON OF VALUES REPORTED BY BLOOD GAS MACHINE AND END TIDAL CO_2 MONITOR FOR MIXED EXHALED CARBON DIOXIDE
18S CYCLOOXYGENASE INHIBITION REVERSES MICROVASCULAR HYPORESPONSIVENESS TO ENDOTHELIN-1 IN SEPTIC RATS
18S MODULATION OF THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME WITH INTERLEUKIN-10 IN HUMAN EXPERIMENTAL ENDOTOXEMIA
19S *IN VITRO* ACTIVATION OF NEUTROPHILS BY TNF-A MEDIATOR OF THE SEPSIS SYNDROME
19S HIGH VOLUME HEMOFILTRATION IMPROVES HEMODYNAMICS IN EXPERIMENTAL ENDOTOXIC SHOCK
19S EFFECTS OF NOREPINEPHRINE ON REGIONAL BLOOD FLOW AND OXYGEN EXTRACTION CAPABILITIES DURING ENDOTOXIC SHOCK
19S PHASED CHEST AND ABDOMINAL COMPRESSION-DECOMPRESSION PRODUCES SUFFICIENT MINUTE VENTILATION DURING CARDIOPULMONARY RESUSCITATION (CPR)
20S TIME COURSE OF CHANGES IN END-TIDAL CARBON DIOXIDE CONCENTRATIONS DURING CARDIAC ARREST IN HUMANS
20S INCREASED POSTRESUSCITATION MYOCARDIAL DYSFUNCTION AFTER HIGH POWER CARDIOVERSION
20S UNIVERSITY COMMUNITY HOSPITAL FIRST-YEAR EXPERIENCE WITH TRANSVENOUS CARDIOVERTER DEFIBRILLATORS: COST, MANAGEMENT STRATEGIES, AND CLINICAL OUTCOMES ANALYSIS
20S CIRCADIAN PATTERN OF IN-HOSPITAL CARDIOPULMONARY RESUSCITATION (CPR) IN RELATION TO TYPE OF ARREST AND SHORT- AND LONG-TERM OUTCOMES
21S EXPERIMENTAL FREE PATCH OMENTEO-CARDIOMYOPLASTY IN ACUTE MYOCARDIAL INFARCTION
21S THE EFFECT OF WARM VERSUS HYPOTHERMIC PERFUSION ON CARDIOPULMONARY BYPASS TIMES
21S FACTORS PREDICTIVE OF LATE SURVIVAL FOLLOWING CABG WITH IMPLANTABLE DEFIBRILLATORS: IMPORTANCE OF THE LIMA GRAF
21S FAILED ANGIOPLASTY WITH CARDIAC ARREST: SURVIVAL CHARACTERISTICS AND OUTCOMES FROM THE NATIONAL REGISTRY FOR EMERGENCY CARDIOPULMONARY BYPASS INVESTIGATORS
22S ECHOCARDIOGRAPHIC EVALUATION OF LATISSIMUS DORSI MUSCLE FLAP IN CARDIOMYOPLASTY
22S EFFECTS OF TONSILLECTOMY AND ADENOIDECTOMY IN CHILDREN WITH OBSTRUCTIVE SLEEP APNEA (OSA)
22S CATHETER-RELATED VENOUS THROMBOSIS IN TREATED AND UNTREATED CHILDREN
22S UTILIZATION OF ND:YAG LASER PHOTORESECTION (LPR) IN PEDIATRIC PATIENTS
23S EXERCISE IN CHILDREN WITH BPD: VENTILATION AND CARDIAC OUTPUT
23S BACTERIAL TRACHEITIS—AN EVOLVING DISEASE: A 14-MONTH EXPERIENCE IN A PICU
23S IMPACT OF AN ARRHYTHMIA PROTOCOL ON REDUCING LENGTH OF STAY FOR POSTOPERATIVE ATRIAL FIBRILLATION
23S BICOR DIRECTED WEANING REDUCES VENTILATOR DAYS, ICU STAY, LENGTH OF HOSPITALIZATION, AND COST OF CARE
24S THE "ICU-DAY"—A LEGITIMATE MARKER OF RESOURCE USE IN ARDS?
24S TELEMETRY MONITORING: AN OVERUTILIZED RESOURCE
24S COST-EFFECTIVENESS OF TRANSBRONCHIAL NEEDLE ASPIRATION IN THE STAGING OF LUNG CANCER
24S THE PRESENCE OF PRO-FIBROTIC CYTOKINES CORRELATE WITH OUTCOME IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS
25S THE INHIBITORY EFFECT OF PENTOXIFYLLINE ON NUDE MICE WITH CHRONIC TNF-A INDUCED PULMONARY FIBROSIS
25S THERAPY FOR CHRONIC INTERSTITIAL LUNG DISEASE WITH A COMBINATION OF INTERFERON-G AND LOW DOSE PREDNISOLONE
25S LEVELS OF INTERLEUKIN-10 (IL-10) IN BRONCHOALVEOLAR LAVAGE (BAL) FLUID IN SARCOIDOSIS
25S PROGNOSIS OF WEGENER'S GRANULOMATOSIS LIMITED TO THE RESPIRATORY TRACT: SIGNIFICANCE OF C-ANCA
26S EFFECT OF IMMUNOLOGIC MEDIATORS ON RAT PULMONARY ENDOTHELIAL CELL (EC) AND RAT LUNG XANTHINE DEHYDROGENASE/XANTHINE OXIDASE: ROLE OF NITRIC OXIDE AND OXYGEN
26S DOPAMINE REGULATES ENDOTHELIN-1 PRODUCTION BY PULMONARY ARTERY ENDOTHELIAL CELLS
26S LOW DOSE NITRIC OXIDE INHALATION THERAPY IN COPD: POSSIBILITY OF A LONG-TERM APPLICATION IN PATIENTS WITH PULMONARY HYPERTENSION?
26S RESPONSE TO INHALED NITRIC OXIDE IN FOCAL VERSUS DIFFUSE LUNG DISEASE
27S DIFFERENTIATED EFFECTS OF NITRIC OXIDE INHALATION IN ACUTE (ARDS) AND CHRONIC (COPD) LUNG DISEASE
27S NEW INSIGHTS IN THE PATHOGENESIS OF ALLERGIC BRONCHIAL ASTHMA
27S SKIN TEST REACTIVITY DOES NOT PREDICT THE RESPONSE TO INHALED ALLERGEN CHALLENGE
27S PRESENCE OF 5E6+CD4+ T-LYMPHOCYTES IN THE ALLERGEN SPECIFIC AIRWAY HYPORESPONSIVENESS MURINE MODEL: NEW EVIDENCE OF LYMPHOCYTE ORCHESTRATION ROLE
28S RELATIONSHIP BETWEEN KIND AND NUMBER OF ALLERGEN POSITIVITY AND BRONCHIAL RESPONSIVENESS TO METHACHOLINE IN ASTHMATIC OR ASTHMATIC PLUS TINNITUS ATOPIC PATIENTS
28S PREVALENCE OF RHINITIS, ATOPY, SINUS CT ABNORMALITY, AND POLYPS IN ASTHMA
28S MULTI-DISCIPLINARY APPROACH TO DIAGNOSIS OF PULMONARY HYPERTENSION PROVIDES INCREASED ACCURACY IN DIAGNOSIS AND SUBSEQUENT TREATMENT
28S SELECTIVE PULMONARY VASODILATORS FOR EVALUATION AND TREATMENT OF PULMONARY HYPERTENSION
29S NITRIC OXIDE IMPROVES VASCULAR IMPEDANCE AND EFFICIENCY FOLLOWING CARDIAC TRANSPLANTATION IN THE SETTING OF RECIPIENT PULMONARY HYPERTENSION
29S BOLUS ADMINISTRATION OF ADENOSINE AND ADENOSINE-TRIPHOSPHATE CAUSE SEVERE PULMONARY HYPERTENSION
29S ETIOLOGY FOR RESTRICTIVE PULMONARY FUNCTION TESTS IN PRIMARY PULMONARY HYPERTENSION
29S VASCULAR IMPEDANCE CHARACTERIZATION IN CHRONIC PULMONARY HYPERTENSION
30S HOW SHOULD WE MEASURE THE PERFORMANCE OF MORTALITY MODEL?
30S RESOURCE UTILIZATION AND OUTCOME IN CRITICALLY ILL MEDICARE PATIENTS WITH AND WITHOUT SUPPLEMENTAL HEALTH INSURANCE
30S USE OF A CARE PROCESS MODEL FOR COMMUNITY-ACQUIRED PNEUMONIA IN A RURAL AREA
30S IDENTIFYING SYSTEM ERRORS IN CRITICAL CARE MEDICINE

31S A CRITICAL PATHWAY (CP) IN THE MANAGEMENT OF LUNG CANCER REFERRALS
31S IMPACT OF MULTIDISCIPLINARY TEAM ROUNDS ON OUTCOME AND COSTS OF PATIENTS IN A MEDICAL SURGICAL ICU
31S COMPARISON OF CLINICAL AND AUTOPSY DIAGNOSES IN AN MICU
31S COMPARISON OF NON-REBREATHER FACE MASK AND "TUSK" MASK IN DELIVERY OF HIGH CONCENTRATION INSPIRED OXYGEN
32S THE EFFECT OF FLUNISOLIDE ON BONE DENSITY IN ASTHMATIC PATIENTS
32S BRONCHIAL ARTERY EMBOLIZATION: A VARIATION IN A TECHNIQUE THAT COULD YIELD A VERY LOW RATE OF COMPLICATIONS IN 108 CONSECUTIVE PROCEDURES
32S AMIODARONE-INDUCED PHOSPHOLIPIDOSIS: INCREASED INTRA-ALVEOLAR SURFACTANT METABOLISM
32S VIDEOTHORACOSCOPY FOR TREATMENT OF RECURRENT PNEUMOTHORAX: RESULTS OF A MULTICENTRIC STUDY
33S THE EFFECT OF ABT-761, A NOVEL 5-LIPOXYGENASE INHIBITOR, IN PATIENTS WITH MODERATE ASTHMA
33S T-LYMPHOCYTE REGULATION OF GENETICALLY DETERMINED AIRWAY HYPORESPONSIVENESS IN C57BL/6J MICE
33S ASTHMA-RELATED KNOWLEDGE, ATTITUDES, AND REPORTED PRACTICES OF PRIMARY CARE RESIDENTS AND RESPIRATORY CARE PRACTITIONERS IN AN INNER-CITY INDIGENT CARE TEACHING HOSPITAL
33S COMPARISON OF EFFECTS OF BETA$_2$-AGONISTS NEBULIZER WITH OXYGEN AND HELIX
34S DEMOGRAPHIC AND ILLNESS CHARACTERISTICS OF ASTHMATICS WHO UTILIZE OVER-THE-COUNTER BRONCHODILATOR MEDICATIONS
34S ANTHEM ASTHMA CARE MANAGEMENT INITIATIVE
34S TRANSCATHETER EMBOLIZATION OF PULMONARY ARTERY CATHETER-INDUCED PSEUDOANEURYSMS
34S EXPERIMENTAL STUDY FOR SINUS NODE MODIFICATION WITH ND-YAG LASER IRRADIATION
35S CK-MB MASS, TROPONIN T, AND TROPONIN I AFTER ELECTIVE CORONARY STENTING
35S HOW ACCURATE IS A PLANAR THALLIUM-201 PERFUSION SCAN IN DETECTING AND LOCALIZING RECENT Q-WAVE MYOCARDIAL INFARCTION?
35S THE IMPACT OF GENDER ON OUTCOME IN PATIENTS WITH NON-Q WAVE MYOCARDIAL INFARCTION TREATED WITH PTCA
35S WHICH IS THE POSSIBLE CONTRIBUTION OF 12-LEAD ECG FOR THE DIAGNOSIS OF VIABLE MYOCARDIUM AFTER FIRST ACUTE MI?
36S INTENSITY OF TRAINING AND PHYSIOLOGICAL ADAPTATION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
36S PHARMACOECONOMIC EVALUATION OF COPD: STRATIFICATION OF OUTCOMES AND COSTS ACCORDING TO INITIAL DRUG THERAPY
36S THE EFFECT OF AEROSOLIZED MORPHINE ON EXERCISE ENDURANCE IN SUBJECTS WITH ADVANCED LUNG DISEASE
36S DO THE CAROTID BODIES CONTRIBUTE TO BRONCHOMOTOR CONTROL IN HUMANS?
37S LONG-TERM TRANSTRACHEAL OXYGEN THERAPY: MAYO CLINIC EXPERIENCES
37S NONINVASIVE POSITIVE PRESSURE VENTILATION FOR ACUTE SEVERE HYPERCAPNIC RESPIRATORY FAILURE REDUCES ICU UTILIZATION
37S INTERLEUKIN-1 RECEPTOR ANTAGONIST IS ELEVATED IN LUNG TRANSPLANT RECIPIENTS WITH OBLITERATIVE BRONCHIOLITIS
37S PHOTOPHERESIS FOR REFRACTORY BRONCHIOLITIS OBLITERANS IN LUNG TRANSPLANTATION
38S PREDICTORS OF PULMONARY REIMPLANTATION RESPONSE FOLLOWING LUNG TRANSPLANTATION
38S EFFICACY OF GANCICLOVIR IN THE PREVENTION OF CYTOMEGALOVIRUS (CMV) DISEASE IN MISMATCHED OR HIGH-RISK LUNG ALLOGRAFT RECIPIENTS
38S PULMONARY ARTERY SYSTOLIC PRESSURES ESTIMATED BY ECHOCARDIOGRAM VS MEASURED BY CARDIAC CATHETERIZATION IN PATIENTS UNDERGOING LUNG TRANSPLANTATION
38S IMPROVEMENT IN FEV_1 AFTER SWITCHING FROM MARKETED INHALED CORTICOSTEROIDS TO FLUTICASONE PROPIONATE
39S COMPARISON OF FLOW RATE AND PARTICLE DISTRIBUTION OF 5 DIFFERENT COMPRESSORS AND 5 DIFFERENT NEBULIZERS
39S CD30 EXPRESSION ON T LYMPHOCYTES REFLECTS DISEASE ACTIVITY IN ATOPIC ASTHMA
39S ACUTE ASTHMA: HOW OFTEN SHOULD ALBUTEROL BE GIVEN WITH A SPACER?
39S WORK AT LOW TEMPERATURE INDUCES INFLAMMATION IN THE LOWER AIRWAYS
40S SALMETEROL IMPROVES ASTHMA-SPECIFIC QUALITY OF LIFE AND CLINICAL OUTCOMES IN HIGH USERS OF BETA-AGONISTS
40S NATURAL HISTORY OF VENTRICULAR SEPTAL DEFECT: A FIVE-YEAR FOLLOW-UP STUDY
40S BRONCHIECTASIS IN PEDIATRIC AIDS
40S RIGHT VENTRICULAR OUTFLOW TRACT RECONSTRUCTION USING A GORE-TEX MEMBRANE MONOCUSP VALVE IN INFANT GOATS
41S PULMONARY HYPERTENSIVE CRISIS (PHTC) IS ASSOCIATED WITH ACUTE CHANGES OF PULMONARY FUNCTION
41S *CHLAMYDIA PNEUMONIAE* IS UNCOMMON AMONG RESPIRATORY SPECIMENS OF ILL CHILDREN IN THE PACIFIC NORTHWEST
41S USE OF PALLIATIVE SUPPORT FORMS IN THE INTENSIVE CARE UNIT
41S BENEFIT OF CRITICAL CARE IN PATIENTS WITH INOPERABLE LUNG CANCER
42S MORBIDITY AND MORTALITY IN PATIENTS WITH CONCOMITANT RESPIRATORY AND RENAL FAILURE
42S QUALITY OF LIFE IN COPD AND BRONCHOGENIC CARCINOMA
42S THE INFLUENCE OF DO-NOT-RESUSCITATE ORDERS ON CARE PROVIDED FOR PATIENTS IN THE SURGICAL INTENSIVE CARE UNIT OF A CANCER CENTER
42S AN ECONOMIC MODEL FOR SCREENING FOR OBSTRUCTIVE SLEEP APNEA IN GENERAL AND OCCUPATIONAL POPULATIONS
43S THE HYPERCAPNIC VENTILATION RESPONSE IN PATIENTS WITH AND WITHOUT OBSTRUCTIVE SLEEP APNEA
43S SLEEP AND WAKEFULNESS COMPARISON OF GERIATRIC AND YOUNGER PATIENTS WITH SLEEP APNEA/HYPOPNEA
43S PROCESS IMPROVEMENT IN THE TITRATION OF CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP)
43S CAUSES OF FAILURE OF CPAP TITRATION POLYSOMNOGRAPHY
44S PNEUMOSTASIS OF EXPERIMENTAL AIR LEAKS WITH A NEW PHOTOPOLYMERIZED SYNTHETIC TISSUE SEALANT
44S THE RESULTS OF MODERN SURGICAL THERAPY OF MULTIPLE PRIMARY LUNG CANCERS
44S THE ROLE OF INDUCTION CHEMOTHERAPY IN STAGE III A AND III B NSCLC
44S PREOPERATIVE CONCURRENT CHEMORADIOTHERAPY IN PATIENTS WITH ESOPHAGEAL CANCER: PRELIMINARY SURGICAL RESULTS
45S PROSPECTIVE COMPARISON OF OPEN AND VIDEO-ASSISTED LOBECTOMY
45S COARCTATION FOLLOWING CARDIAC TRANSPLANTATION FOR HYPOPLASTIC LEFT HEART SYNDROME
45S BRONCHOSPASM AFTER ADENOSINE USE IN PATIENTS WITH COPD
45S NOSOCOMIAL VENTILATOR ASSOCIATED PNEUMONIA (VAP): A PROSPECTIVE, RANDOMIZED TRIAL OF HME/FILTERS AND HEATED WIRE HUMIDIFIERS
46S LONG-TERM EFFECT OF THERAPEUTIC LUNG RADIATION ON EXERCISE
46S ELEVATED SERUM TYPE III PROCOLLAGEN N-TERMINAL PROPEPTIDE PREDICTS PULMONARY TOXICITY IN PATIENTS WITH ADVANCED NON-SMALL CELL LUNG CANCER TREATED WITH INDUCTION MITOMYCIN, VINBLASTINE, AND CISPLATIN
46S THE RISK OF STROKE IN PATIENTS WITH UNILATERAL CAROTID ARTERY OCCLUSION UNDERGOING CORONARY ARTERY BYPASS SURGERY
46S ANALYSIS OF TEMPERATURE GRADIENT IN PRESERVED LUNGS
47S ROLE OF ICAM-1 AND VCAM IN OBLITERATIVE BRONCHIOLITIS IN TRANSPLANTED RAT AIRWAYS
47S OUTCOME FOLLOWING LUNG TRANSPLANT AMONG ALPHA-1-ANTITRYPSIN AND NON-ALPHA-1-ANTITRYPSIN DEFICIENT PATIENTS WITH EMPHYSEMA
47S THE EFFECT OF CHRONIC ALCOHOL USE ON THE HEART PRIOR TO AND AFTER TRANSPLANTATION IN AN EXPERIMENTAL MODEL IN THE RAT
47S A PILOT STUDY OF EXHALED NITRIC OXIDE (ENO) MEASURED WITHOUT NASAL NO IN LUNG TRANSPLANT RECIPIENTS
48S INCIDENCE OF NOCARDIA PULMONARY INFECTION IN PATIENTS INITIALLY DIAGNOSED AS TUBERCULOSIS
48S THE INFLAMMATORY COURSE FROM PERITONITIS TO SEPSIS IN ICU PATIENTS
48S ARTIFICIAL NEURAL NETWORK PREDICTION OF EARLY DISCHARGE FROM HOSPITAL FOR PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA
48S THE EFFECT OF BACTEREMIC PNEUMOCOCCAL PNEUMONIA ON NEUTROPHIL RELEASE FROM THE BONE MARROW
49S USEFULNESS OF DIRECT EXAMINATION OF PROTECTED SPECIMEN BRUSH (PSB) IN INTUBATED PATIENTS WITH SUSPECTED PNEUMONIA
49S LOBECTOMY COMBINED WITH LUNG VOLUME REDUCTION FOR HIGH RISK LUNG CANCER PATIENTS WITH SEVERE EMPHYSEMA
49S ASSESSMENT OF RESPONSE IN A LARGE PROSPECTIVE TRIAL OF BILATERAL STAPLED LUNG VOLUME REDUCTION SURGERY FOR EMPHYSEMA
49S IMPROVED EXERCISE CAPACITY FOLLOWING UNILATERAL THORACOSCOPIC LUNG VOLUME REDUCTION IN SEVERE EMPHYSEMA
50S BILATERAL LUNG VOLUME REDUCTION SURGERY (LVRS): MECHANISMS OF IMPROVEMENT IN DYSPNEA
50S COMBINED LUNG VOLUME REDUCTION AND CORONARY ARTERY BYPASS SURGERY
50S THE ROLE OF CD4:CD8 RATIO IN PREDICTING HUMAN IMMUNODEFICIENCY VIRUS (HIV) CO-INFECTION IN PATIENTS WITH NEWLY DIAGNOSED TUBERCULOSIS (TB)
50S THE UTILITY PPD SKIN TESTING IN PATIENTS WITH LOW CD4 COUNTS
51S MECHANISMS OF SILICA EXPOSURE FACILITATING GROWTH OF VIRULENT MYCOBACTERIUM TUBERCULOSIS
51S A COMPARATIVE EVALUATION OF NEOPTRIN, LYSOZYME, AND ADENOSINE DEAMINASE IN PLEURAL FLUID AS MARKERS OF TUBERCULOSIS PLEURIS
51S OUTCOME OF THE EPIDEMIOLOGIC SURVEILLANCE OF CLOSE CONTACTS OF PPD REACTOR TODDLERS IN AN INNER-CITY COMMUNITY
51S CHANGE IN PATTERNS OF DRUG RESISTANT TUBERCULOSIS — EMERGENCE OF RESISTANCE TO INCREASING NUMBER OF ANTITUBERCULOUS AGENTS
52S PULMONOLOGISTS AND THORACIC SURGEONS TREAT PNEUMOTHORAX DIFFERENTLY
52S UTILITY OF DAILY THERAPEUTIC THORACENTESIS FOR THE TREATMENT OF EMPYEMA
52S CHEST RADIOGRAPH AFTER THORACENTESIS
52S THORACOSCOPIC TALC PLEURODESIS FOR MALIGNANT PLEURAL EFFUSIONS UTILIZING LOCAL ANESTHESIA AND INTRAVENOUS SEDATION
53S TALC DISTRIBUTION BY HISTOLOGIC ANALYSIS AFTER SLURRY PLEURODESIS USING A RAT MODEL
53S ACUTE CHANGES INDUCED BY INTRAPLEURAL INSTILLATION OF SILVER NITRATE IN RABBITS
53S MAGNETIC RESONANCE ANGIOGRAPHY VS PULMONARY ANGIOGRAPHY IN DIAGNOSIS OF PULMONARY EMBOLISM
53S RELATIONSHIP BETWEEN OBESITY AND PULMONARY EMBOLISM: A REVIEW OF THE PIOPED DATA
54S PORTABLE PERFUSION LUNG SCANS IN THE DIAGNOSTIC EVALUATION OF INTENSIVE CARE UNIT PATIENTS WITH SUSPECTED PULMONARY EMBOLISM
54S A DIAGNOSTIC STRATEGY FOR PULMONARY EMBOLISM BASED ON CLINICAL AND PERFUSION LUNG SCAN FINDINGS
54S PULMONARY MR ANGIOGRAPHY UTILIZING 3D-FAST SPGR METHOD FOR DETECTION OF PULMONARY EMBOLISM
54S DOES UPPER LIMB DEEP VENOUS THROMBOSIS HAVE THE SAME SIGNIFICANCE AS LOWER LIMB DEEP VENOUS THROMBOSIS?
55S VALIDATION OF THE THERAPEUTIC RECOMMENDATIONS OF THE AMERICAN THORACIC SOCIETY (ATS) GUIDELINES FOR COMMUNITY ACQUIRED PNEUMONIA IN HOSPITALIZED PATIENTS
55S CORRELATION OF CLINICAL CRITERIA FOR THE DIAGNOSIS OF PNEUMONIA IN MECHANICALLY VENTILATED PATIENTS WITH HISTOLOGY QUANTITATIVE CULTURE OF LUNG PARENCHYMA AND BRONCHOALVEOLAR LAVAGE CELL POPULATIONS
55S THE EFFECT OF VENTILATOR ASSOCIATED PNEUMONIA ON PROTEIN AND PHOSPHOLIPIDS
55S EXTENDING CLOSED SUCTION CATHETER (CSC)

CHANGE INTERVAL TO TWO DAYS DOES NOT EFFECT INCIDENCE OF VENTILATOR-ASSOCIATED PNEUMONIA (VAP)

56S ORGAN DYSFUNCTION AND FAILURE IN SEVERE COMMUNITY-ACQUIRED PNEUMONIA

56S ENDOTRACHEAL TUBE CUFF PRESSURE THRESHOLD FOR PREVENTION OF NOSOCOMIAL PNEUMONIA

56S EXERCISE GAS EXCHANGE RESPONSE TO UNILATERAL AND BILATERAL LUNG REDUCTION SURGERY FOR DIFFUSE EMPHYSEMA

56S MANAGEMENT OF SOLITARY PULMONARY NODULES INCIDENTALLY DISCOVERED DURING EVALUATION FOR LUNG VOLUME REDUCTION SURGERY (LVRS)

57S BENEFITS OF CONTINUED PULMONARY REHABILITATION COMPARED TO LUNG VOLUME REDUCTION SURGERY IN PATIENTS WITH COPD

57S EXERCISE WORK EFFICIENCY IN COPD PATIENTS AFTER LUNG VOLUME REDUCTION

57S OPTIMIZING SELECTION CRITERIA FOR LUNG VOLUME REDUCTION SURGERY

57S DEVELOPMENT OF PULMONARY HYPERTENSION FOLLOWING LUNG VOLUME REDUCTION SURGERY

58S ACUTE RESPONSE TO INHALED NITRIC OXIDE (NO) IN ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

58S ONE-YEAR QUALITY OF LIFE (QOL) AND NEUROPSYCHOLOGICAL OUTCOME FOLLOWING ADULT RESPIRATORY DISTRESS SYNDROME (ARDS)

58S PRONE POSITION AND ALVEOLAR RECRUITMENT IN ACUTE RESPIRATORY FAILURE

58S ARDS: WHERE DO ALL THE DOLLARS GO?

59S EXTRACORPOREAL LIFE SUPPORT (ECLS) FOR ARDS

59S EFFECTS AND SAFETY OF INTERMITTENT PRONE POSITIONING AS AN ADJUNCT TO EXTRACORPOREAL LUNG ASSIST

59S COMMUNITY-ACQUIRED PSEUDOMONAS PNEUMONIA IN HIV-POSITIVE PATIENTS

59S NONTRAUMATIC PNEUMOTHORAX IN HIV-INFECTED PATIENTS: THEN AND NOW

60S PROSPECTIVE EVALUATION OF LDH/PAO_2 RATIO AND LDH ISOENZYMES IN THE DIAGNOSIS OF *PNEUMOCYSTIS CARINII* PNEUMONIA (PCP)

60S CLINICAL SIGNIFICANCE AND CHARACTERISTICS OF *STAPHYLOCOCCUS AUREUS* FROM RESPIRATORY CULTURES IN PATIENTS WITH HIV DISEASE

60S RANGE OF CD4 COUNT DETERMINES ICU MORTALITY IN PATIENTS WITH PCP AND RESPIRATORY FAILURE REQUIRING MECHANICAL VENTILATORY SUPPORT

60S REDUCTION MAMMAPLASTY AND FUNCTIONAL RESPIRATORY REPERCUSSION

61S EFFECT OF AGE ON VENTILATORY DRIVE RESPONSE TO CO_2

61S BREATHING EXERCISE TRAINING IMPROVES VENTILATORY MUSCLE FUNCTION AND EXERCISE TOLERANCE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASES

61S CO DIFFUSING CAPACITY (DLCO) DURING MENSTRUATION CYCLE

61S SALBUTAMOL AND IPRATROPIUM IN BRONCHIAL ASTHMA AND CHRONIC OBSTRUCTIVE AIRWAY DISEASE (COAD) AND THE BEST PULMONARY FUNCTION TEST FOR EVALUATING BRONCHODILATORY EFFECT

62S PULMONARY FUNCTION TESTS ARE NOT PREDICTIVE OF OUTCOME AFTER CORONARY ARTERY BYPASS GRAFTS

62S THE ROLE OF SURGERY IN THE TREATMENT OF LUNG CANCER IN THE OCTOGENARIAN

62S MITRAL VALVE SURGERY IN THE ELDERLY

62S USE OF OLDER DONORS: IMPACT ON RECIPIENT SURVIVAL AND CARDIAC ALLOGRAFT VASCULOPATHY

63S OUTCOMES OF CHRONIC VENTILATOR DEPENDENT PATIENTS ADMITTED TO A SPECIAL CARE UNIT AT A LONG TERM ACUTE CARE FACILITY

63S WEANING THE VERY ELDERLY FROM MECHANICAL VENTILATION

63S INCREASED PLASMA LEVELS OF INTERLEUKIN-1 RECEPTOR ANTAGONIST (IL-1RA) FOLLOWING SHORT MAXIMAL EXERCISE

63S EFFECTS OF CARDIAC REHABILITATION AND EXERCISE TRAINING PROGRAMS ON HOSTILITY

64S CARDIOPULMONARY EXERCISE TESTING (CPX) PREDICTS LENGTH OF STAY AND HOSPITAL COST IN PATIENTS UNDERGOING PULMONARY RESECTION

64S PEAK EXERCISE OXYGEN UPTAKE IS PREDICTIVE OF BONE MARROW TRANSPLANT MORTALITY

64S TRANSDIAPHRAGMATIC PRESSURE MEASUREMENTS IN CARDIOPULMONARY EXERCISE TESTING

64S LONGITUDINAL CHANGES IN CYSTIC FIBROSIS (CF) SPUTUM PROPERTIES

65S *PSEUDOMONAS AERUGINOSA* (PSA) ANTIGEN PA-1 STIMULATION OF CYTOKINE PRODUCTION IN PERIPHERAL BLOOD MONONUCLEAR CELLS IS DECREASED IN CYSTIC FIBROSIS (CF)

65S EFFECTS OF POSITIVE END-EXPIRED PRESSURE ON OSCILLATED TIDAL VOLUME DURING HIGH FREQUENCY CHEST COMPRESSION

65S SAFETY OF HIGH-FREQUENCY CHEST WALL OSCILLATION (HFCWO) IN PATIENTS WITH RESPIRATORY MUSCLE WEAKNESS

65S MOLECULAR TYPING OF *STENOTROPHOMONAS (XANTHOMONAS, PSEUDOMONAS) MALTOPHILIA* FROM PATIENTS WITH CYSTIC FIBROSIS REVEALS HETEROGENEITY

66S THE *PNEUMOCYSTIS CARINII CDC2* CELL DIVISION CYCLE HOMOLOGUE EXHIBITS CHARACTERISTIC PROTEIN KINASE ACTIVITY

66S PULMONARY COMPLICATIONS OF HIV-INFECTED PATIENTS ADMITTED TO MEDICAL INTENSIVE CARE UNIT

66S NON-PULMONARY *PNEUMOCYSTIS CARINII* INFECTION IN PATIENTS WITH AIDS: AUTOPSY FINDINGS

66S POSTBRONCHOSCOPY DESATURATION IN THE ACQUIRED IMMUNE DEFICIENCY SYNDROME

67S CLINICAL FEATURES OF CAVITARY *PNEUMOCYSTIS CARINII* PNEUMONIA

67S PULMONARY MALIGNANCIES IN PATIENTS WITH AIDS: AUTOPSY FINDINGS

67S LACK OF CORRELATION BETWEEN SERUM LACTATE DEHYDROGENASE AND DEGREE OF GAS EXCHANGE IMPAIRMENT IN PATIENTS WITH *PNEUMOCYSTIS CARINII* PNEUMONIA

67S MEDIASTINOSCOPY IN AIDS

68S RECURRENCE OF PULMONARY TUBERCULOSIS IN AIDS PATIENTS AFTER ADEQUATE TREATMENT

68S RADIOGRAPHIC FINDINGS AND THEIR CORRELATION WITH SMEAR STATUS IN AIDS PATIENTS WITH PULMONARY TUBERCULOSIS

68S COMPARISON OF BRONCHOALVEOLAR LAVAGE (BAL) AND AUTOPSY DIAGNOSTIC RESULTS IN INDIVIDUALS WITH HUMAN IMMUNODEFICIENCY VIRUS (HIV) INFECTION AND TUBERCULOSIS (TB)

68S UTILITY OF SENDING ROUTINE FUNGAL CULTURES IN BRONCHOALVEOLAR LAVAGE (BAL) SPECIMENS IN EVALUATION OF PULMONARY INFILTRATES IN PATIENTS WITH ACQUIRED IMMUNODEFICIENCY SYNDROME VIRUS

69S SURVIVAL OF BACTEREMIC PNEUMOCOCCAL PNEUMONIA IN HIV

69S THE SPECTRUM OF EXTRAPULMONARY TUBERCULOSIS IN PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION

69S PLEURAL TUBERCULOSIS IN HIV-INFECTED PATIENTS: A RETROSPECTIVE STUDY

69S INFECTIOUS COMPLICATIONS OF ADJUVANT STEROID THERAPY IN THE TREATMENT OF PCP

70S RISK FACTORS FOR BREAKTHROUGH PCP IN HIV-INFECTED PATIENTS RECEIVING AEROSOL PENTAMIDINE

70S BRONCHOALVEOLAR LAVAGE (BAL) IN THE DIAGNOSIS OF PULMONARY INFECTION IN HIV-INFECTED PATIENTS

70S ANTIBODY DEPENDENT CELL-MEDIATED CYTOTOXICITY AGAINST HIV-1 GP120 IN MUCOSAL SECRETIONS

70S COMPARISON OF LABORATORY AND BRONCHOSCOPIC RESULTS IN HIV POSITIVE PATIENTS SUSPECTED OF HAVING *PNEUMOCYSTIS CARINII* PNEUMONIA

71S EFFICACY OF AN IMMUNE ENHANCING DIET IN PATIENTS WITH SEVERE CLOSED HEAD INJURY

71S CORRELATION OF CHRONIC COUGH WITH PHARYNGEAL ACID EXPOSURE IN CHILDREN

71S HEAT SHOCK PROTEIN (HSP) 70 AND HLA-DR EXPRESSION IS DOWN-REGULATED BY FLUTICASONE PROPIONATE IN BRONCHIAL ASTHMA

71S CAUSES OF CHRONIC PERSISTENT COUGH IN ADULT PATIENTS

72S DIFFERENTIAL CYTOLOGY OF BRONCHOALVEOLAR LAVAGE IN ASTHMATIC CHILDREN

72S POSSIBLE ANTI-INFLAMMATORY ACTION OF 2-MONTH TREATMENT WITH FORMOTEROL DRY POWDER: A COMPARISON WITH BUDESONIDE AND PLACEBO

72S MATRIX METALLOPROTEINASE-8 (MMP-8) EXPRESSION IN HUMAN BRONCHIECTASIS

72S LOSARTAN DOES NOT EFFECT BRADYKININ LEVELS: POSSIBLE MECHANISM FOR THE ABSENCE OF COUGHING

73S THE CAUSAL TRIAD OF CHRONIC COUGH: CONTEMPORARY OR SEQUENTIAL MULTICAUSALITY?

73S SERUM ECP CORRELATES WITH PD_{20} FEV_1 TO MCH IN UNTREATED ATOPIC ASTHMATICS

73S XANTHINE OXIDASE-GENERATED OXIDANTS, H_2O_2, AND NITRIC OXIDE SYNTHASE INHIBITION PROMOTE NEUTROPHIL BINDING TO TRACHEAL EPITHELIAL CELLS

73S GASTRIC TONOMETRY: GAS VS SALINE PCO_2

74S ACCURACY AND PRECISION OF TWO METHODS FOR MEASURING GASTRIC INTRAMUCOSAL PCO_2 ($PiCO_2$): COMPARISON BETWEEN STANDARD SALINE TONOMETRY (SST) AND CAPNOMETRIC RECIRCULATING GAS TONOMETRY (CRGT)

74S RELATIONSHIP BETWEEN SYSTEMIC OXYGEN SUPPLY DEPENDENCY VS CHANGES IN GASTRIC INTRAMUCCSAL P_{CO_2} MEASURED BY CONTINUOUS CAPNOMETRIC RECIRCULATING GAS TONOMETRY (CRGT) IN A CANINE MODEL OF SEQUENTIAL HEMORRHAGE

74S SUSTAINED VACUUM TECHNIQUE IN 1,000 PERCUTANEOUS FINE-NEEDLE ASPIRATION BIOPSYS OF THE LUNG

74S PATIENT TOLERANCE OF GUIDEWIRES USED IN DIFFICULT EXTUBATIONS

75S IMPROVED NONINVASIVE VENTILATION HEADGEAR FOR TETRAPLEGICS

75S PERCUTANEOUS DILATIONAL TRACHEOSTOMY WITH BRONCHOSCOPY AT A REGIONAL WEANING CENTER

75S COMPARISON OF CLINICAL EVALUATED WORK OF BREATHING WITH WORK OF BREATHING MEASURED VIA ESOPHAGEAL MANOMETRY

75S PROSPECTIVE STUDY OF COST AND LENGTH OF STAY OUTCOMES FOR PATIENTS WITH ADS TREATED WITH CONTINUOUS LATERAL ROTATION

76S NON-INVASIVE FACE MASK VENTILATION USING HELIUM/OXYGEN MIXTURES

76S REPEAT TRACHEOSTOMY BY THE PERCUTANEOUS TECHNIQUE

76S SPLIT-LUNG-VENTILATION IN A PATIENT WITH DIFFERENTIAL PULMONARY HEMODYNAMICS

76S SURFACTANT REPLACEMENT IMPROVES OXYGENATION IN CHILDREN RECEIVING NITRIC OXIDE (NO) FOR RESPIRATORY FAILURE

77S GAS FLOW THROUGH SEVEN SMALL VOLUME NEBULIZERS USING FIVE COMMONLY AVAILABLE DOMICILIARY COMPRESSORS

77S CONTINUOUS INHALED ALBUTEROL IN ADULTS HAS LOW TOXICITY AND EFFECTIVELY IMPROVES PEAK FLOW RATES

77S THE EFFECT OF BODY POSITION AND INTRATHORACIC PRESSURE ON BLOOD PERFUSION RECORDED WITH LASER DOPPLER FLOWMETER FROM SMALL BRONCHI IN HUMANS

77S SINGLE BREATH TEST FOR CO_2 AND RESPIRATORY MECHANICS IN A PIG MODEL OF ACUTE LUNG INJURY

78S APOPTOSIS: A TARGET FOR ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) INTERVENTION

78S APOPTOSIS AND THE HISTOLOGIC STAGE OF PNEUMONIA: DOES THE SEVERITY OF PNEUMONIA CORRELATE WITH THE APOPTOSIS INDEX?

78S ALVEOLAR MACROPHAGE CLEARANCE OF ASPIRATED FOOD PROTEIN

78S EXTERNAL CHEST WALL OSCILLATOR AS A CARDIAC AUGMENTATION DEVICE IN ACUTE LUNG INJURY

79S OUTCOME OF ADULT RESPIRATORY DISTRESS SYNDROME (ARDS) IN A COMMUNITY TEACHING HOSPITAL

79S PULMONARY HEMORRHAGE AND BRONCHIOLITIS OBLITERANS ORGANIZING PNEUMONIA (BOOP) ASSOCIATED WITH METHAMPHETAMINE ABUSE: UNRECOGNIZED ASSOCIATIONS?

79S INTRATRACHEAL GAS INSUFFLATION (IGI): PROSPECTIVE ANALYSIS OF SIX PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

79S NEUROGENIC PULMONARY EDEMA: CLINICAL DATA ON ADMISSION TO THE ICU

80S PREDICTORS OF POST-PNEUMONECTOMY PULMONARY EDEMA: SIGNIFICANCE OF CARDIAC FUNCTION

80S OPEN LUNG BIOPSY (OLB) IN PATIENTS (PTS) WITH DIFFUSE PULMONARY INFILTRATES AND ACUTE RESPIRATORY FAILURE

80S EPIDEMIOLOGICAL DIFFERENCES BETWEEN ACUTE LUNG INJURY (ALI) AND ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

80S THIRTEEN-YEAR DISTRICT HOSPITAL EXPERIENCE OF THE CHURG-STRAUSS SYNDROME

81S ASTHMA QUALITY OF LIFE SURVEY

81S PLATELET ACTIVITY & LIPID PROFILE IN BRONCHIAL ASTHMA: EFFECTS OF INHALED SALBUTAMOL

81S ROLE OF HIGH DOSE INTERMITTENT (PULSE) CORTICOSTEROIDS IN MANAGEMENT OF ACUTE OR CHRONIC ASTHMA AND INTERSTITIAL LUNG DISEASE

81S HOME MONITORING OF ASTHMATIC PATIENTS WITH A NOVEL TRANSTELEPHONIC SPIROMETERY SYSTEM: A RETROSPECTIVE FEASIBILITY STUDY TO DETECT EARLY SIGNS OF ACUTE ASTHMATIC DETERIORATION

82S BRIEF VS EXTENDED ASTHMA SELF-MANAGEMENT EDUCATION

82S ASSESSMENT OF LARGE AND SMALL VOLUME HOLDING CHAMBER PERFORMANCE WITH HFA-FORMULATED ALBUTEROL

82S TEACHING ASTHMA GUIDELINES TO MEDICAL STUDENTS AND RESIDENTS

82S THE ROLE OF ENDOGENOUS NITRIC OXIDE (NO) ON AIRWAY RESPONSE TO BRADYKININ (BK) IN MAN

83S SALMETEROL IMPROVES ASTHMA-SPECIFIC QUALITY OF LIFE AND CLINICAL OUTCOMES IN PATIENTS ≥55 YEARS OLD WITH MODERATE ASTHMA

83S XANTHINE THERAPY RESULTS IN IMPROVED CLINICAL STATUS OF ASTHMA

83S IS ADULT ONSET ASTHMA RELATED TO *HELICOBACTER PYLORI* GASTRITIS?

83S A FIVE-WAY PARALLEL RANDOMIZED STUDY TO COMPARE THE SAFETY PROFILE OF BECLOMETHASONE DIPROPIONATE (BDP), BUDESONIDE (BUD), FLUNISOLIDE (FLU), FLUTICASONE PROPIONATE (FP), AND TRIAMCINOLONE ACETONIDE (TA) IN HEALTHY MALE VOLUNTEERS

84S MULTICENTRE STUDY COMPARING BUDESONIDE TURBUHALER WITH BECLOMETHASONE DIPROPIONATE (BDP) PMDI IN JAPANESE PATIENTS WITH ASTHMA

84S EFFECTS OF SALMETEROL ON MARKERS OF DETERIORATING ASTHMA

84S MORBIDITY AND MORTALITY OF MECHANICALLY VENTILATED PATIENTS WITH STATUS ASTHMATICUS

84S VOCAL CORD DYSFUNCTION IN PATIENTS PRESENTING WITH ASTHMA EXACERBATION

85S ENDOBRONCHIAL BIOPSIES IN STATUS ASTHMATICUS

85S THE EFFECT OF ATELECTASIS ON LENGTH OF HOSPITAL STAY FOR CHILDREN WITH MULTIPLE HOSPITALIZATIONS FOR ACUTE ASTHMA

85S ASTHMA MANAGEMENT PROGRAM BY REMOTE CONTROL MONITORING OF SYMPTOMS AND PEAK EXPIRATORY FLOW RATES

85S NEURAL NITRIC OXIDE SYNTHASE CONTRIBUTES SIGNIFICANTLY TO EXPIRED GAS NITRIC OXIDE IN MICE

86S EFFECTS OF MENSTRUAL PHASE ON AIRWAY HYPERREACTIVITY IN YOUNG WOMEN

86S WHAT IS THE CLINICAL RELEVANCE OF *IN VITRO* PHARMACEUTICAL DATA?

86S THE ROLE OF THE RECEPTORS OF ACTIVATION IN T LYMPHOCYTES AND NONSPECIFIC HYPERREACTIVITY

86S THE INFLUENCE OF SALMETEROL ON BRONCHIAL HYPERREACTIVITY, LUNG FUNCTION TEST, AND ECP LEVEL IN PATIENTS WITH COPD

87S DEMOGRAPHIC CHARACTERIZATION OF ASTHMA PATIENTS IN THE EMERGENCY DEPARTMENT

87S ASTHMA CARE: A CONTINUOUS QUALITY IMPROVEMENT (CQI) APPROACH

87S PULSED STEROIDS PLUS TRIPLE ANTIPNEUMATIC THERAPY FOR RECURRENT ASTHMA

87S CELLULAR AND BIOCHEMICAL CONSTITUENTS OF INDUCED SPUTUM: RELATIONSHIP TO CLINICAL AND PHYSIOLOGICAL PROFILES

88S COMPARISON OF BECLOMETHASONE DIPROPIONATE (BDP) DELIVERY USING A LARGE AND SMALL HOLDING CHAMBER: *IN-VITRO* MEASUREMENTS

88S PRANLUKAST (ONO-1078, LEUKOTRIENE RECEPTOR ANTAGONIST) ENABLED TO REDUCE STEROID DOSES IN CHRONIC SEVERE ADULT ASTHMA

88S PREVALENCE OF AVOIDABLE TRIGGERS IN ADULT ASTHMATICS

88S FACTORS INFLUENCING SYMPTOM INTENSITY OF ASTHMA DURING INDUCED BRONCHOCONSTRICTION

89S RECENT EXPOSURE TO ENVIRONMENTAL TOBACCO SMOKE (ETS) PRECIPITATES ACUTE ATTACK IN NON-SMOKER ASTHMATICS

89S BRONCHOCONSTRICTION AND EOSINOPHIL RECRUITMENT IN GUINEA PIG LUNGS AFTER PLATELET ACTIVATING FACTOR ADMINISTRATION

89S A CASE CONTROL STUDY COMPARING HELIOX GAS MIXTURE TO CONVENTIONAL VENTILATION IN INTUBATED PATIENTS WITH STATUS ASTHMATICUS

89S VARIATION OF HORMONAL HOMEOSTASIS AMONG BRONCHIAL ASTHMATIC FEMALE PATIENTS IN CLIMACTERIC PERIOD

90S ACUTE ASTHMA: IMMEDIATE AND LONG-TERM BENEFITS OF IPRATROPIUM BROMIDE VS SALMETEROL

90S BAROTHERAPY IN PATIENTS WITH BRONCHIAL ASTHMA

90S PERCEPTION OF BREATHLESSNESS IN SCHOOL CHILDREN WITH ASTHMA

90S MAGNESIUM SULFATE CAN DECREASE BRONCHIAL HYPERREACTIVITY IN ASTHMATIC PATIENTS

91S PERCEPTION OF CHEST DISCOMFORT IN PATIENTS WITH ASTHMA

91S MISOPROSTOL AND THE LATE ASTHMATIC RESPONSE TO SPECIFIC BRONCHIAL CHALLENGE IN SUBJECTS WITH ALLERGIC ASTHMA

91S THE WANG TRANSBRONCHIAL NEEDLE IN SARCOIDOSIS: AN IRISH EXPERIENCE

91S CHEMOPREVENTION OF LUNG CANCER: A MECHANISM ELUCIDATED?

92S BRONCHOSCOPY FOR EMERGENCY PATIENTS

92S INTRALUMINAL TYPICAL BRONCHIAL CARCINOID: A PROSPECTIVE STUDY OF BRONCHOSCOPIC INTERVENTION

92S TRANSBRONCHIAL BIOPSY (TBBX) NEGATIVE IN PATIENTS WITH POSITIVE BRONCHOALVEOLAR LAVAGE (BAL) FOR *PNEUMOCYSTIS CARINII* PNEUMONIA (PCP)

92S ENDOSCOPIC BRONCHIAL DILATATION AND STENTING IN PEDIATRIC PATIENTS

93S UTILITY OF THALLIUM-201 SCAN IN SURVEILLANCE AND FOLLOW-UP OF ACUTE ALLOGRAFT REJECTION IN LUNG TRANSPLANTATION

93S YIELD OF TRANSBRONCHIAL BIOPSY IN LUNG TRANSPLANTATION

93S CLOSURE OF BRONCHOPLEURAL FISTULA USING A FIBEROPTIC BRONCHOSCOPE AND A SIMPLIFIED DOUBLE CATHETER TECHNIQUE

93S THE ROLE OF FIBEROPTIC BRONCHOSCOPY IN THE DIAGNOSIS AND MANAGEMENT OF CMV PNEUMONITIS

94S TRANSTHORACIC THIN NEEDLE BIOPSY (TTNB) FOR BENIGN MEDIASTINAL MASSES

94S PNEUMOTHORAX FOLLOWING TRANSBRONCHIAL LUNG BIOPSY WITHOUT FLUOROSCOPY: LOW DIAGNOSTIC YIELD WITH ROUTINE CHEST ROENTGENOGRAM

94S FIBEROPTIC BRONCHOSCOPY IN CORONARY PATIENTS: IS IT REALLY SAFE?

94S TRACHEAL BRONCHUS: ANALYSIS OF 21 CASES

95S UTILITY OF FIBEROPTIC BRONCHOSCOPY IN THE NONRESOLVING PULMONARY INFILTRATE

95S THYROID CANCER INVADING THE TRACHEA: A BRONCHOSCOPIC APPROACH

95S CLINICAL UTILITY OF PET-FDG IMAGING IN DETECTING MALIGNANCY IN PULMONARY LESIONS

95S PREOPERATIVE STAGING OF LUNG CANCER WITH THE USE OF TOTAL-BODY FDG-PET SCAN

96S ROLE OF FLOW CYTOMETRY IN THE DIAGNOSIS OF PLEUROPULMONARY INVOLVEMENT OF NON-HODGKIN'S LYMPHOMAS

96S TRANSBRONCHIAL LUNG BIOPSY VIA THE BRONCHOFIBERSCOPE UNDER CT-GUIDANCE IN THE DIAGNOSIS OF PERIPHERAL LUNG TUMOUR

96S UNTREATED BRONCHOGENIC CARCINOMA IN PATIENTS WITH ACQUIRED IMMUNODEFICIENCY SYNDROME

96S PLEURAL EFFUSION AS THE INITIAL MANIFESTATION OF MALIGNANCY

97S INCREASED SERUM CYFRA 21-1 LEVELS IN CHRONIC UREMIC PATIENTS ON HEMODIALYSIS

97S ENDOSCOPIC ULTRASOUND WITH FINE NEEDLE ASPIRATION IN THE DIAGNOSIS OF THORACIC NEOPLASMS

97S TRANS-ESOPHAGEAL ENDOSCOPIC ULTRASOUND GUIDED FINE NEEDLE ASPIRATION: A MINIMALLY INVASIVE METHOD FOR TISSUE SAMPLING OF MEDIASTINAL LYMPH NODES IN THORACIC MALIGNANCIES

97S THE DIAGNOSTIC YIELD AND SAFETY OF TRANSTHORACIC NEEDLE BIOPSY OF THE LUNG

98S CLINICAL AND RADIOLOGIC FEATURES OF PERIPHERAL SOLITARY NODULAR BRONCHIOLOALVEOLAR CARCINOMA

98S LYMPH NODE DIMENSIONS ARE NOT A RELIABLE CRITERIA CONCERNING METASTATIC INVASION IN LUNG CANCER

98S AIRFLOW OBSTRUCTED PATIENTS WITH SIGNIFICANT SMOKING HISTORIES SHOW HIGH PREVALENCE OF SPUTUM CELLULAR DYSPLASIA

98S FRACTAL SHAPE AND SURFACE ANALYSIS OF INTRAPULMONARY LESIONS BASED ON 3D-HRCT

99S UPTAKE OF THE IN^{111}-PENTETRECTIDE IN THE BRONCHIAL CARCINOID

99S MAXIMUM SAMPLING FOR DNA CONTENT MEASUREMENT OF LUNG CANCER AND ITS PROGNOSTIC IMPACT ON LONG-TERM SURVIVAL

99S CLINICAL SURVEY OF HYPERTHERMAL-CHEMOTHERAPEUTIC INFUSION TO LUNG CANCER

99S MULTIMODALITY MANAGEMENT OF AN INTRATHORACIC TRACHEOESOPHAGEAL FISTULA

100S LUNG CANCER NECROPSY STUDY: RELATIONSHIP BETWEEN M1 AND N2-3

100S PROSPECTIVE RANDOMIZED TRIAL OF TALC SLURRY VERSUS BLEOMYCIN IN PLEURODESIS FOR CONTROL OF SYMPTOMATIC MALIGNANT PLEURAL EFFUSIONS

100S SURGICAL MANAGEMENT OF THREE SYNCHRONOUS, BILATERAL PRIMARY LUNG TUMORS: A CASE REPORT

100S COMBINED TREATMENT WITH PREOPERATIVE CHEMOTHERAPY FOR STAGE IIIB (T4) NON-SMALL CELL LUNG CANCER: EXPERIENCE WITH 21 PATIENTS

101S EFFECTIVENESS OF METHYLPREDNISOLONE ACETATE AS A PLEURAL SCLEROSING AGENT

101S TREATMENT OF MALIGNANT PLEURAL EFFUSIONS WITH CISPLATIN-RELEASING BIORESORBABLE MICROSPHERES

101S INTRAOPERATIVE TRANSESOPHAGEAL ECHOCARDIOGRAPHY GUIDANCE FOR SURGERY OF INFRADIAPHRAGMATIC TUMORS

101S TB OR CANCER: THAT IS THE QUESTION?

102S A COMPREHENSIVE ANALYSIS OF CHARACTERISTICS AND ROLE OF RADIATION THERAPY FOR BRONCHOGENIC CARCINOMA IN ELDERLY VETERAN PATIENTS

102S ANALGESIC EFFECTS OF DISODIUM PAMIDRONATE IN PALLIATIVE TREATMENT OF BONE METASTASES ASSOCIATED WITH BRONCHOGENIC CARCINOMA

102S PULMONARY ARTERY PERFUSION WITH BLOOD FLOW OCCLUSION USING VARIOUS CHEMOTHERAPEUTIC AGENTS IN A RAT MODEL

102S LUNG CANCER REGISTRY: TREATMENT IN STAGE IV NON-SMALL CELL CARCINOMA

103S ANTI-OXIDANTS INHIBIT THE ATTACHMENT OF SMALL CELL LUNG CARCINOMA TO TNF-ACTIVATED ENDOTHELIAL CELLS

103S LUNG CANCER REGISTRY: TREATMENT IN STAGE IV SMALL CELL CARCINOMA

103S N-ACETYLCYSTEINE (NAC) IN PREVENTING NAUSEA AND VOMITING INDUCED BY CHEMOTHERAPY IN PATIENTS SUFFERING FROM INOPERABLE NON-SMALL CELL LUNG CANCER (NSCLC)

103S 3D-RECONSTRUCTION AND VISUALIZATION OF INTRAPULMONARY LESIONS FOR RADIO- AND HYPERTHERMIA THERAPY

104S OCCURRENCE AND SURGERY OF PRIMARY LUNG CANCER IN PATIENTS RADICALLY TREATED FOR PREVIOUS MALIGNANCIES

104S INTERFERON-ALPHA AND RETINOIC ACID MAINTENANCE THERAPY FOR SMALL CELL LUNG CANCER

104S NONCARDIAC PULMONARY EDEMA AFTER NEOADJUVANT CHEMOTHERAPY (MITOMYCIN C, IFOSFAMIDE, CISPLATIN) IN NON-SMALL CELL LUNG CANCER (NSCLC) STAGE IIIA

104S INDUCTION CHEMOTHERAPY WITH VINBLASTINE AND CISPLATIN FOLLOWED BY RADIATION FOR INOPERABLE STAGE III NON-SMALL CELL LUNG CANCER IN ELDERLY PATIENTS

105S EXPERIENCES OF BRACHYTHERAPY IN INOPERABLE CENTRAL LUNG TUMORS

105S DELAYED PRESENTATION OF AORTIC DISSECTION ASSOCIATED WITH ACUTE COCAINE OVERDOSE

105S ELEVATED THALLIUM 201 UPTAKE IN PATIENTS WITH ATRIAL FIBRILLATION

105S THE EFFECT OF INHALATION THERAPY ON MYOCARDIAL OXYGEN CONSUMPTION

106S NEW SIGN OF MYOCARDIAL INFARCTION

106S TELEMETRY UTILIZATION IN A COMMUNITY HOSPITAL

106S DECELERATION TIME AND IN HOSPITAL ADVERSE EVENT RATE IN PATIENTS WITH FIRST MYOCARDIAL INFARCTION

106S SPECIFIC HYPOTHYROID CARDIOMYOPATHY:

EVALUATION OF RADIONUCLIDE MYOCARDIAL IMAGING
107S DEVELOPMENT OF A CHRONIC PULMONARY HYPERTENSION MODEL IN DOGS BY REPEATED INFUSIONS OF CERAMIC MICROSPHERES
107S ANOMALOUS RIGHT MAIN CORONARY ARTERY ORIGINATING FROM THE LEFT SINUS OF VALSALVA
107S SURGICAL ASSESSMENT OF VALVULAR HEART DISEASE WITH LEFT VENTRICULAR DYSFUNCTION
107S ACCELERATED VERSUS STANDARD STREPTOKINASE INFUSION IN ACUTE MYOCARDIAL INFARCTION
108S CURRENT CAUSES OF PROLONGED Q-T INTERVAL
108S CARDIAC TROPONIN-T IN ACUTE MYOCARDIAL INFARCTION (AMI)
108S ALTERED IONIZED MAGNESIUM AND CALCIUM IN PATIENTS WITH PRIMARY PULMONARY HYPERTENSION
108S FLUOROSCOPICALLY GUIDED PERICARDIOCENTESIS: A PROSPECTIVE SERIES
109S INFLUENCE OF DIET LIPIDS IN THE AGED RAT VENTRICULAR MYOCARDIUM
109S CORRELATION OF VEGETATION MORPHOLOGY TO CLINICAL PRESENTATION IN INFECTIVE ENDOCARDITIS PATIENTS
109S DOES CORONARY ANGIOGRAPHY HELP IN DETERMINING MYOCARDIAL VIABILITY?
109S LOSARTAN REGRESSES LEFT VENTRICULAR HYPERTROPHY AND IMPROVES EJECTION FRACTION IN HYPERTENSIVE DIABETIC PATIENTS
110S FALSE-NEGATIVE ECG RESPONSE TO EXERCISE TESTING DUE TO "ISCHEMIC ST-SEGMENT COUNTERPOISE"
110S A COMBINATION OF HYPOXIA AND INFLAMMATION CAUSES DOWNREGULATION OF ENDOTHELIAL NITRIC OXIDE SYNTHASE IN HUMAN PULMONARY ENDOTHELIAL CELLS *IN VITRO*
110S PRIMARY PULMONARY HYPERTENSION: DO WE CONSIDER THE RIGHT RISK FACTORS?
110S POSITIVE HEAD-UP TILT TABLE TESTING IN ATHLETES: ECHOCARDIOGRAPHIC CORRELATES OF DECREASED VASOMOTOR TONE AND INCREASED SYMPATHETIC ACTIVITY
111S RELIABILITY OF SINUS FUNCTION IN OLDER A-V BLOCK PATIENTS FOR VDD PACING
111S MYOCARDIAL INFARCTION IN VALVULAR DISEASE CASES WITH NORMAL CORONARY ARTERIES
111S LONG-TERM OXYGEN TREATMENT OF PRIMARY PULMONARY HYPERTENSION
111S PREVALENCE OF ECHOCARDIOGRAPHIC ABNORMALITIES IN 554 OLDER MEN AND 1,243 OLDER WOMEN
112S SERUM FERRITIN IS NOT ASSOCIATED WITH EXTRACRANIAL CAROTID ARTERIAL DISEASE IN OLDER PATIENTS
112S THE EFFECT OF NITRIC OXIDE IN ACUTE RIGHT HEART SYNDROME
112S IMPACT OF SHORT-TERM INOTROPIC THERAPY ON CLINICAL OUTCOMES AND READMISSION RATES IN DECOMPENSATED HEART FAILURE
112S HEART RATE VARIABILITY AT DIFFERENT STAGES OF CONGESTIVE HEART FAILURE
113S PULMONARY HAEMODYNAMIC AND RESPIRATORY MECHANICS IN PATIENTS WITH CHRONIC HEART FAILURE
113S ASSESSING OF SYMPATHOVAGAL BALANCE IN PATIENTS WITH AND WITHOUT HISTORY OF CHRONIC HEART FAILURE
113S THE EFFECT OF CARDIOMYOPLASTY ON CORONARY BLOOD FLOW VELOCITY AND CORONARY FLOW RESERVE
113S BI-PAP NONINVASIVE VENTILATION: A NONPHARMACOLOGICAL INTERVENTION FOR ADVANCED CONGESTIVE CARDIOMYOPATHY
114S LOSARTAN DECREASES ATRIAL NATURETIC PEPTIDE LEVELS AND IMPROVES EJECTION FRACTION IN DIABETICS WITH CONGESTIVE CARDIOMYOPATHY
114S EVIDENCE OF "METABOLIC RESTORATION" BY USING LONG-TERM VENTRICULAR SUPPORT AS A BRIDGE TO HEART TRANSPLANTATION
114S LACK OF CORRELATION BETWEEN PEAK VO_2 AND FUNCTIONAL MEASURES OF QUALITY OF LIFE IN CONGESTIVE HEART FAILURE
114S DIAPHRAGM PARALYSIS AFTER PEDIATRIC CARDIOVASCULAR SURGERY
115S CORONARY BLOOD FLOW CHANGES IN VOLUME RESUSCITATED HEMORRHAGIC SHOCK
115S FACTORS ASSOCIATED WITH RAPID ANGIOGRAPHIC PROGRESSION OF MODERATE CORONARY ARTERY STENOSIS
115S INTRAVENOUS MAGNESIUM SULFATE DOES NOT CHANGE HEMODYNAMIC VARIABLES IN ACUTE MYOCARDIAL INFARCTION
115S TRANSESOPHAGEAL ECHOCARDIOGRAPHY AS A USEFUL TOOL IN EVALUATING RIGHT VENTRICULAR FUNCTION DURING INHALED NITRIC OXIDE THERAPY
116S ACCURACY OF CHEST RADIOGRAPHS FOR DIAGNOSING CARDIOGENIC PULMONARY EDEMA IN CRITICALLY ILL PATIENTS
116S VALIDATION OF THE PREOPERATIVE ASSESSMENT OF PULMONARY COMPLICATIONS IN POSTOPERATIVE CARDIAC PATIENTS
116S A SIMPLE DOPPLER DEVICE AS A SCREEN FOR ARTERIAL OCCLUSIVE DISEASE
116S SAFETY AND OUTCOME OF AIR MEDICAL TRANSPORT FOR CRITICALLY ILL CARDIAC PATIENTS WITH AN INTRA-AORTIC BALLOON PUMP
117S CLINICAL PRESENTATION, IMAGING AND MANAGEMENT OF THORACIC AORTIC DISSECTION/ ANEURYSM IN A TERTIARY REFERRAL CENTRE
117S UTILITY OF THE INITIAL ELECTROCARDIOGRAM AND CARDIAC ISOENZYME IN EXCLUDING ACUTE MYOCARDIAL INFARCTION
117S PREVALENCE OF INTRAPULMONARY SHUNT IN PATIENTS AWAITING LIVER TRANSPLANT
117S ASSESSMENT OF VENTILATION DURING THE PERFORMANCE OF PERCUTANEOUS DILATATIONAL TRACHEOSTOMY
118S NONINVASIVE DETERMINATION OF HEART FUNCTION BY MASS SPECTROMETER IN DOXORUBICIN-TREATED PATIENTS: COMPARISON WITH ECHOCARDIOGRAPHIC FINDINGS
118S EVALUATION OF CORONARY ANATOMY IN PATIENTS WITH FIRST Q AND NON Q MYOCARDIAL INFARCTION
118S ULTRAFAST RTPA ADMINISTRATION IN THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION (AMI)
118S TRANSMYOCARDIAL LASER REVASCULARIZATION
119S CORONARY SONOSPECTOGRAPHIC ANALYSIS OF HEART SOUNDS BEFORE AND AFTER CORONARY ANGIOPLASTY
119S CLINICAL AND ANGIOGRAPHIC FOLLOW UP OF CORONARY STENTING IN 243 PATIENTS
119S THE COST OF CHRONIC OCCLUSION ANGIOPLASTY
119S CORONARY STENTING IN ACUTE MYOCARDIAL INFARCTION: INITIAL EXPERIENCE IN 30 PATIENTS
120S EFFECT OF INFARCT SIZE AND SITE ON LEFT VENTRICULAR VOLUME AFTER MYOCARDIAL INFARCTION
120S SYNERGISTIC USE OF TWO WIRES FOR THE RECANALIZATION OF CHRONICALLY TOTALLY OCCLUDED CORONARY ARTERIES
120S CORONARY ANGIOGRAPHY BY THE PERCUTANEOUS RADIAL APPROACH
120S IS ST-SEGMENT ELEVATION DURING DOBUTAMINE STRESS ARRHYTHMOGENIC?
121S ST-SEGMENT ELEVATION DURING DOBUTAMINE STRESS-ECG: ECHOCARDIOGRAPHIC AND ANGIOGRAPHIC CORRELATES
121S RADIAL ARTERY CARDIAC CATHETERIZATION: SAFETY AND EFFICACY
121S MULTIPLANE TRANSOESOPHAGEAL ECHOCARDIOGRAPHY IN DIAGNOSIS OF APICAL HYPERTROPHIC CARDIOMYOPATHY
121S SIGNIFICANT COST REDUCTION WITH THE USE OF AN ANGIOGRAPHIC CONTRAST SAVER DEVICE
122S MULTIPLANE TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN INFANTS AND CHILDREN
122S DISPLAY AND LOCALIZATION OF VENTRICULAR SEPTAL DEFECT USING DYNAMIC THREE-DIMENSIONAL ECHOCARDIOGRAPHY
122S SIMPLIFIED ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR FUNCTION
122S BALLOON ANGIOPLASTY WITHOUT ANTECEDENT THROMBOLYSIS FOR FEMOROPOPLITEAL CHRONIC TOTAL OCCLUSIONS
123S IS THERE ANY GENDER-RELATED DIFFERENCE IN LUNG THALLIUM UPTAKE?
123S CLINICAL UTILITY OF ABNORMAL POSTEXERCISE RESPONSE OF SYSTOLIC BLOOD PRESSURE AFTER PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY
123S INCREASED AMOUNT OF SOLUBLE TNF-A RECEPTORS AND IL-1 RECEPTOR ANTAGONIST IN BRONCHOALVEOLAR FLUID AND PLASMA IN PATIENTS WITH ACTIVE PULMONARY TB
123S PRISM (PEDIATRIC RISK OF MORTALITY SCORING) AND NAC (NUMBER OF ASSOCIATED COMPLICATIONS) VS OXYGENATION AS PREDICTOR OF OUTCOME OF MECHANICALLY VENTILATED PATIENTS WITH RESPIRATORY FAILURE IN THE INTENSIVE CARE UNIT—THE PHILIPPINE HEART CENTER EXPERIENCE
124S SURVIVAL OF PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE AFTER MECHANICAL VENTILATION FOR ACUTE RESPIRATORY FAILURE—THE PHILIPPINE HEART CENTER EXPERIENCE
124S THE VARIATION OF CELL TYPE DISTRIBUTION IN LUNG CANCER: A STUDY OF 10,910 CASES FROM 1970 TO 1993 IN A MEDICAL CENTER IN TAIWAN
124S BYSSINOSIS IN QUEBEC 1980-1995
124S SOCIAL, ECONOMIC, AND CULTURAL ASPECTS OF ASTHMA: AN EXPLORATORY STUDY IN ANDHRA PRADESH, INDIA
125S ASTHMA: THE INDIAN SCENARIO
125S ASTHMA SYMPTOMS IN SCHOOL CHILDREN FROM THE NORTH EAST OF ENGLAND
125S PREVALENCE OF RHINITIS AND ECZEMA IN SCHOOL CHILDREN FROM THE NORTH EAST OF ENGLAND
125S PREVALENCE OF ASTHMATIC CHILDREN WITH RHINITIS AND ECZEMA FROM THE NORTH EAST OF ENGLAND
126S "RESPIRANDO MEJOR": AN ASTHMA EDUCATION PROGRAM FOR INNER-CITY LATINOS
126S LUNG FUNCTION DATA OF CHILDREN AGED 7-14 YEARS WITH CHRONIC EXPOSURE TO LOW LEVELS OF VOLCANIC ASH FROM MOUNT PINATUBO
126S TUBERCULOSIS MONITORING SYSTEM: EPIDEMIOLOGICAL FINDINGS IN BOLOGNA (ITALY) IN THE 1990S
126S NONPULMONARY TUBERCULOSIS IN SCOTLAND: THE 1993 SCOTTISH NATIONAL SURVEY
127S COPENHAGEN ANGINA AND LABILE HYPERTENSION IN A SNUFF DIPPING ADOLESCENT APPALACHIAN POPULATION
127S DIAGNOSTICS OF ASBESTOS-RELATED CANCERS IN FINLAND
127S THE STUDY OF PULMONARY THROMBOEMBOLISM AFTER SURGERY AND ANGIOCATHETER INSERTION IN JAPAN
127S BELIEFS AND ATTITUDES OF WEST AFRICAN IMMIGRANTS IN THE UNITED STATES TOWARDS TUBERCULOSIS (TB)
128S LOCALIZED PLEURAL TUMORS IN HUNGARY
128S PREVALENCE OF ASTHMA AND RELATED SYMPTOMS AMONG GALILEE BEDOUIN SCHOOL CHILDREN
128S MANAGEMENT OF MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB): SOME EXPERIENCE FROM HONG KONG
128S THE EPIDEMIOLOGY OF NON-TUBERCULOUS MYCOBACTERIAL INFECTION AT THE SAN JUAN VETERANS AFFAIRS MEDICAL CENTER
129S THE PREVALENCE OF TB INFECTION IN A POPULATION OF HOMELESS PERSONS IN PHILADELPHIA
129S NO ASSOCIATION BETWEEN RESPIRATORY SYMPTOMS AND THE USE OF GAS STOVES IN YOUNG ADULTS IN BELGIUM
129S DISTRIBUTION OF THE DIFFERENT HISTOLOGIC TYPE OF LUNG CANCER AMONG WOMEN IN YUGOSLAVIA
129S HISTOLOGICAL TREND OF LUNG CANCER IN HARLEM: A PREDOMINANTLY URBAN AFRICAN AMERICAN COMMUNITY
130S RISK FACTORS AFFECTING ADHERENCE TO TUBERCULOSIS TREATMENT AMONG HISPANIC PATIENTS
130S PREVALENCE OF NONTUBERCULOUS MYCOBACTERIAL (N.M.TB) IN RESPIRATORY AND NONRESPIRATORY SPECIMENS ISOLATED FROM PATIENTS ATTENDED IN A AIDS REFERENCE CENTER, RIO DE JANEIRO, BRAZIL
130S MALARIA & THE LUNG: A BOMBAY EXPERIENCE
130S STATIC CIPROFLOXACIN RESISTANCE RATES AMONGST RESPIRATORY TRACT BACTERIAL ISOLATES: A CANADIAN MULTICENTER STUDY
131S GENETIC CHARACTERIZATION OF CIPROFLOXACIN RESISTANT *PSEUDOMONAS AERUGINOSA* RESPIRATORY ISOLATES BY PULSED FIELD GEL ELECTROPHORESIS: A CANADIAN MULTICENTER STUDY
131S INCIDENCE OF INFECTION AT HOSPITAL ADMISSION FOR CLASSICAL HEAT STROKE
131S NEUROLOGIC MANIFESTATIONS OF CLASSIC

HEAT STROKE: DESCRIPTION OF PATIENTS FROM THE CHICAGO HEAT WAVE OF JULY 1995

131S COAGULATION ABNORMALITIES IN CLASSICAL HEAT STROKE

132S MISUNDERSTANDING AND MISUSE: CANADIAN ASTHMATICS' PATTERNS OF USE AND KNOWLEDGE OF INHALED STEROIDS(IS)

132S QUALITY OF LIFE (QOL) OF CANADIAN ASTHMA SUFFERERS

132S ELECTROCARDIOGRAPHIC SCREENING FOR OBSTRUCTIVE LUNG DISEASE: VALUE OF FRONTAL PLACE P-WAVE AXIS

132S DETERMINANTS OF MAXIMUM VOLUNTARY VENTILATION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

133S BILATERAL PNEUMECTOMY FOR EMPHYSEMA: ANATOMIC CORRELATION WITH COMPUTER TOMOGRAPHY (CT) SCAN, VENTILATION-PERFUSION (VQ) SCAN, AND SURGICALLY RESECTED LUNG AS A PREDICTOR OF SHORT-TERM FUNCTIONAL OUTCOME

133S PULMONARY FUNCTION AND CARDIOPULMONARY EXERCISE TESTING IN PATIENTS WHO HAVE UNDERGONE LUNG REDUCTION SURGERY FOR EMPHYSEMA BY THORACOSCOPY AND MIDLINE STERNOTOMY

133S EFFECTS OF BREATHING EXERCISE TRAINING ON PULMONARY FUNCTION AND OXYGENATION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASES

133S METABOLIC AND RESPIRATORY EFFECTS OF CARBOHYDRATE CALORIES IN PATIENTS WITH COPD DURING MECHANICAL VENTILATION

134S RISK FACTORS ASSOCIATED WITH SEVERE COMPLICATIONS IN PATIENTS WITH SEVERE EMPHYSEMA SUBJECTED TO UNILATERAL THORACOSCOPIC LUNG REDUCTION

134S SUPPRESSION OF THYROID STIMULATING HORMONE (TSH) IN NON-CRITICALLY ILL PATIENTS WITH EXACERBATION OF OBSTRUCTIVE AIRWAYS DISEASE

134S THE EFFECTS OF SALMETEROL ON LUNG FUNCTION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

134S MEAL INDUCED DYSPNEA AND OXYGEN DESATURATION IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE

135S AN AGGRESSIVE MANAGEMENT APPROACH OF SEVERE COPD IMPROVES OUTCOME AND PREVENTS HOSPITALIZATION

135S FUNCTIONAL DETERMINANTS OF DIAPHRAGM EXCURSION IN COPD

135S THE HOME OXYGEN PATIENT, CIGARETTE SMOKING, AND HOSPITAL SERVICES

135S CHRONIC HYPERCAPNIA DOES NOT AFFECT MENTAL EFFICIENCY

136S MACROPHAGE INFILTRATION IN BRONCHOGENIC CARCINOMAS

136S HESAMETILPROPILENAMINOXIME (HM-PAO) CEREBRAL PERFUSION AND COGNITIVE ASSESSMENT IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD): A CASE CONTROL STUDY

136S OXYGEN CONSERVERS: RANGE OF FRACTION OF INSPIRED OXYGEN AND OXYGEN CONSUMPTION

136S ROLE OF COMPUTED TOMOGRAPHY IN THE DIAGNOSIS OF BRONCHIECTASIS: AN EVALUATION USING PATHOLOGY AS THE STANDARD

137S THE EFFECT OF TOPICAL BETA BLOCKERS ON CARDIOVASCULAR SYSTEM AND RESPIRATORY FUNCTION IN PATIENTS WITH STABLE COPD

137S SHORT-TERM IN-HOSPITAL REHABILITATION PROGRAM (SRP) IN COPD PATIENTS: FUNCTIONAL AND CLINICAL EFFECTIVENESS

137S LONG-TERM TRACHEOSTOMIZED COPD PATIENTS: SURVIVAL AND TIMING FOR DECANNULATION

137S LEFT VENTRICULAR FUNCTIONS IN COPD

138S A NEW VOLUME ACCUMULATING EXPIRATORY GAS ANALYSIS SYSTEM

138S COMPARISON OF PHI AND MUCOSAL-ARTERIAL CO_2 GAP AS PREDICTORS OF OUTCOME IN TRAUMA PATIENTS

138S FEEDING TOLERANCE IS ENHANCED BY NASOJEJUNAL PLACEMENT OF FEEDS IN CRITICALLY ILL PATIENTS

138S DOPPLER DERIVED DATA IN DETECTION OF COMPARTMENT SYNDROME

139S ADVERSE EFFECTS OF SUDDEN DISCONTINUATION OF INHALED NITRIC OXIDE

139S RECTAL MUCOSAL SURFACE PH CORRELATES WITH GASTRIC INTRAMUCOSAL PH IN SEVERELY TRAUMATIZED PATIENTS

139S NUTRITIONAL PARAMETERS AS PREDICTORS OF VENTILATOR DEPENDENCE

139S PERIOPERATIVE MYOCARDIAL INFARCTION MORTALITY IS SIMILAR TO MORTALITY FROM ACUTE MYOCARDIAL INFARCTION

140S A PILOT OF INTENSIVE CARE UNIT ARCHITECTURAL DESIGN ON PATIENT MORTALITY AND LENGTH OF STAY

140S CARDIOVASCULAR EFFECTS OF NON-INVASIVE MECHANICAL VENTILATION

140S ARE POST-INTUBATION CHEST X-RAYS NECESSARY?

140S KETOROLAC: PHARMACOKINETICS AND EFFICACY IN THE TREATMENT OF PAIN IN CRITICALLY ILL CHILDREN

141S DIGITAL COMPARED TO GRAPHICAL PULMONARY WEDGE PRESSURE MEASUREMENTS IN DIFFERENT VENTILATORY MODES

141S BEDSIDE SONOGRAPHIC GUIDED VS BLIND POSTPYLORIC FEEDING TUBE PLACEMENT IN CRITICALLY ILL PATIENTS

141S ESTIMATION OF ARTERIAL PH FROM END-EXHALED PCO_2 AND TOTAL CO_2 CONTENT

141S POOR CORRELATION BETWEEN ARTERIAL OXYGENATION AND ABNORMALITIES ON THE CHEST RADIOGRAPH IN CRITICALLY ILL PATIENTS

142S ROLE OF BRONCHOALVEOLAR LAVAGE IN PATIENTS WITH VENTILATOR-ASSOCIATED PNEUMONIA ON ANTIBIOTICS

142S VIDEOSCOPIC PLACEMENT OF FEEDING TUBES: DEVELOPMENT OF A THROUGH THE TUBE TECHNIQUE

142S THE "OPEN ABDOMEN" IS NOT A CONTRAINDICATION TO PRONE POSITIONING FOR SEVERE ARDS

142S ACCURACY OF DIRECT MEASUREMENT OF INJECTATE TEMPERATURE BY A PULMONARY ARTERY CATHETER

143S PULMONARY FUNCTION TESTS POSTMEDIALIZATION FOR UNILATERAL VOCAL CORD PARALYSIS

143S DOES COUGH NORMALLY CAUSE SPO_2 TO FALL?

143S INDICATORS OF LUNG ABNORMALITIES IN ACUTE SPINAL CORD INJURY

143S INTERCHANGEABILITY OF PAIN MANAGEMENT SCALES FOR CRITICALLY ILL CHILDREN

144S QUESTIONABLE VALIDITY OF LOW DOSE DOPAMINE USE IN CRITICALLY ILL PATIENTS

144S SYSTEMIC INFLAMMATORY RESPONSE SYNDROME CRITERIA AND LACTIC ACIDOSIS IN THE DETECTION OF CRITICAL ILLNESS AMONG PATIENTS PRESENTING TO AN EMERGENCY DEPARTMENT

144S PREOPERATIVE INTRINSIC POSITIVE END-EXPIRATORY PRESSURE: A PREDICTOR OF OUTCOME FOR LUNG VOLUME REDUCTION

144S EARLY CHANGES IN MEAN AIRWAY RESISTANCE AND MAXIMAL MINUTE VENTILATION AFTER LUNG VOLUME REDUCTION

145S MENTAL HEALTH AND SOCIAL STATUS ARE RELATED TO POSTOPERATIVE STATUS AFTER BILATERAL LUNG VOLUME REDUCTION SURGERY

145S VALIDATION OF A METHOD TO PREDICT WHICH PATIENTS WILL REQUIRE MECHANICAL VENTILATION FOR MORE THAN THREE DAYS

145S PULMONARY ARTERY CATHETERIZATION: IMPACT ON LENGTH OF ICU STAY IN SEVERE SEPSIS

145S MYOGLOBINURIA INCIDENCE AND THE EFFICACY OF BICARBONATE AFTER ENTRAPMENT IN MOTOR VEHICLE ACCIDENTS

146S THE FACTORS ASSOCIATED WITH FATAL CARDIAC RUPTURE IN ACUTE Q WAVE MYOCARDIAL INFARCTION

146S COMPUTERIZED DOCUMENTATION FOR CARDIAC RESUSCITATION

146S MULTI-DISCIPLINARY APPROACH FOR PATIENTS MECHANICALLY VENTILATED FOR MORE THAN 30 DAYS

146S PREDICTORS OF OUTCOME FOR LEUKEMIA PATIENTS IN THE INTENSIVE CARE UNIT

147S AN EVALUATION OF NEUROMUSCULAR DISORDERS IN VENTILATOR-DEPENDENT ICU PATIENTS

147S HEMODYNAMIC AND VENTILATORY RESPONSES TO O_2 SUPPLEMENTATION IN CRITICALLY ILL PATIENTS

147S INCIDENCE OF MAJOR DRUG INTERACTIONS AND ASSOCIATED ADVERSE DRUG EVENTS IN A SURGICAL INTENSIVE CARE UNIT

147S CHARGES PRE AND POST DO-NOT-RESUSCITATE ORDERS AND OUTCOMES IN CRITICALLY ILL CANCER PATIENTS

148S FIRST DAY APACHE III AND APS DO NOT PREDICT THE NEED FOR PROLONGED (>28 DAYS) MECHANICAL VENTILATION

148S GENDER DIFFERENCES IN ADULT CARDIAC PATIENTS TRANSFERRED FROM INTENSIVE CARE UNIT (ICU) TO ICU BY AIR AMBULANCE

148S ACUTE CHEST SYNDROME (ACS) IN PEDIATRIC PATIENTS ADMITTED TO A PEDIATRIC CRITICAL CARE UNIT (PCCU)

148S WITHDRAWAL OF LIFE SUPPORT AMONGST ORTHODOX JEWS

149S ATTITUDES OF CRITICAL CARE NURSES TO THE WITHDRAWAL OF LIFE SUPPORT

149S HOW LONG SHOULD CPR BE CONTINUED?

149S EFFECT OF HEMOTHERAPY ON HEMODYNAMIC AND OXYGEN PROFILE IN CRITICALLY ILL PATIENTS

149S AN EVALUATION OF SHOCK INDEX IN THE ELDERLY RURAL TRAUMA POPULATION

150S THE OUTCOMES OF CARDIOPULMONARY RESUSCITATION IN A MEDICAL INTENSIVE CARE UNIT

150S CARDIAC DYSFUNCTION IS AN IMPORTANT PREDICTOR OF OUTCOME IN ICU PATIENTS BUT IS NOT IDENTIFIED BY INCREASED TROPONIN I

150S EXCELLENT LONG-TERM PROGNOSIS IN ARDS SURVIVORS WITHOUT HEMATOLOGIC MALIGNANCY

150S DOES INSURANCE STATUS IMPACT OUTCOME OF INTENSIVE CARE

151S SURVIVAL IS IMPROVED IN WITNESSED CARDIAC ARREST BUT NOT WITH BYSTANDER CPR

151S LACK OF LONG-TERM CHANGE IN RESUSCITATION PRACTICE AFTER PASSAGE OF THE NEW YORK STATE DNR LAW

151S EFFICACY OF RAPID SEQUENCE INTUBATIONS IN MEDICAL PATIENTS IN THE EMERGENCY DEPARTMENT

151S IMPEDIMENTS TO THE USE OF DO-NOT-RESUSCITATE ORDERS

152S CRITICAL CARE MEDICINE SAVING LIVES IN THE COMMUNITY

152S SYSTEMIC INFLAMMATORY RESPONSE SYNDROME IN PATIENTS WITH AND WITHOUT CARDIAC DISEASE

152S HEART DYSRHYTHMIA IN PIGS FOLLOWING SCORPION VENOM INJECTION

152S CLINICAL AND RADIOGRAPHIC PRESENTATION OF PATIENTS INJURED BY J-WIRE FRACTURE IN CERTAIN TELECTRONICS ATRIAL PACEMAKER LEADS: A POTENTIALLY TREATABLE CAUSE OF CARDIOVASCULAR COLLAPSE

153S THE INFLUENCE OF GENDER ON OUTCOME FROM MECHANICAL VENTILATION

153S DIFFERENTIAL EFFECTS OF DIFFUSIVE VS CONVECTIVE THERAPY ON TNF-A LEVELS IN HUMANS WITH SYSTEMIC INFLAMMATORY RESPONSE SYNDROME

153S ELEVATED CARBOXYHEMOGLOBIN IN MECHANICALLY VENTILATED PATIENTS

153S IMPORTANCE OF HYPOMAGNESEMIA IN PATIENTS WITH SEPTIC SHOCK

154S SEPTIC HEMODYNAMICS, RESPIRATORY DYSFUNCTION, AND INCREASED CYTOKINE AND EICOSANOID LEVELS REQUIRE THROMBOXANE A_2

154S INOTROPIC EFFECT OF CALCIUM IN THE HEMODYNAMICALLY IMPAIRED SURGICAL PATIENT

154S CIRCULATING METHEMOGLOBIN, & NITRITE/NITRATE IN CHILDREN WITH SEPTIC SHOCK

154S KILLING OF *PSEUDOMONAS AERUGINOSA* BY SYNTHETIC TRACHEAL ANTIMICROBIAL PEPTIDE IS DECREASED BY NACL CONCENTRATIONS FOUND IN CYSTIC FIBROSIS AIRWAY SURFACE FLUID

155S ANALYSIS OF FACTORS ASSOCIATED WITH THE DEVELOPMENT OF TOBRAMYCIN (TO) RESISTANCE IN CYSTIC FIBROSIS (CF) PATIENTS

155S COPPER IONS AUGMENT KILLING OF *ESCHERICHIA COLI* BY SYNTHETIC TRACHEAL ANTIMICROBIAL PEPTIDE (TAP)

155S INHALED CLINDAMYCIN IN CF PATIENTS WITH CHRONIC INFECTION WITH *PSEUDOMONAS*

155S HIGH FREQUENCY ORAL AIRWAY OSCILLATION AND HIGH FREQUENCY CHEST WALL COMPRESSION ARE AS EFFECTIVE AS CONVENTIONAL CHEST PHYSICAL THERAPY FOR MUCUS CLEARANCE IN PATIENTS WITH CYSTIC FIBROSIS

156S THE INFLUENCE OF MUCOLYTIC THERAPY (DORNASE ALFA) ON VENTILATORY FUNCTION AND DYSPNEA SCORE IN MODERATE AND SEVERE CYSTIC FIBROSIS

156S BACTERIAL RECOVERY FROM SPIROMETRIC TESTING IN CYSTIC FIBROSIS
156S RETROSPECTIVE STUDY ON THE POSSIBILITY TO ERADICATE *BURKHOLDERIA CEPACIA* IN CYSTIC FIBROSIS BY EARLY ANTIBIOTIC TREATMENT
156S AUDIT ON ONE-YEAR TREATMENT WITH RECOMBINANT HUMAN DEOXYRIBONUCLEASE IN 97 CF PATIENTS
157S PREGNANCY IN WOMEN WITH CYSTIC FIBROSIS
157S MECHANISM OF INCREASED BINDING OF SMALL CELL LUNG CANCER TO TNF-A STIMULATED ENDOTHELIUM
157S INHIBITION OF CYTOKINE PRODUCTION FROM PERIPHERAL BLOOD MONONUCLEAR CELLS (PBMC) WITH FUROSEMIDE (FUR) IS GREATER THAN NEDOCROMIL (NS) OR CROMOLYN SODIUM (CS) AND EQUIVALENT TO HYDROCORTISONE (HC)
157S DYSREGULATION OF MONOCYTE DIFFERENTIATION IN ASTHMATIC SUBJECTS IS REVERSED BY IL-10
158S THE LIVER IS A MAJOR SOURCE OF INTERLEUKIN-10 DURING CARDIOPULMONARY BYPASS
158S EXTERNAL CHEST WALL OSCILLATOR AMELIORATES CYTOKINE RESPONSE TO ACUTE LUNG INJURY
158S GSH DOES NOT DIRECTLY INHIBIT EXPRESSION OF CD18 BY ACTIVATED NEUTROPHILS
158S FLUTICASONE PROPIONATE DOWN-REGULATES IL-4 IN THE AIRWAYS OF ASTHMATIC PATIENTS
159S DIFFERENTIAL EFFECTS OF LIQUID PERFLUROCARBON ON MACROPHAGE PROINFLAMMARY CYTOKINES *IN VITRO*
159S CYTOKINES IN THE BRONCHOALVEOLAR LAVAGE FLUID (BALF) AND PERIPHERAL BLOOD IN PATIENTS WITH PULMONARY SARCOIDOSIS AND IDIOPATHIC PULMONARY FIBROSIS (IPF)
159S EFFECTS OF ANGIOTENSIN CONVERTING ENZYME INHIBITOR (ACEI) ON EXERCISE PERFORMANCE IN SEVERE COPD PATIENTS
159S LONG-TERM BENEFITS OF PULMONARY REHABILITATION ON THE EXERCISE CAPACITY AND SHORTNESS OF BREATH IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
160S NON-INVASIVE INDICES FOR PULMONARY HYPERTENSION
160S PSYCHOLOGICAL STATUS IS RELATED TO SIX-MINUTE WALK TEST PERFORMANCE IN PATIENTS WITH OBSTRUCTIVE LUNG DISEASE
160S EFFECTS OF MENSTRUAL PHASE ON PULMONARY FUNCTION AND EXERCISE PERFORMANCE IN YOUNG ACTIVE DUTY WOMEN
160S THE ROLE OF PREOPERATIVE CARDIAC STRESS TESTING IN PATIENTS UNDERGOING NONCARDIAC THORACIC OPERATIONS
161S REDEFINING THE LOWEST EXERCISE PEAK OXYGEN CONSUMPTION ACCEPTABLE FOR LUNG RESECTION OF HIGH RISK PATIENTS
161S EXERCISE CAPACITY AFTER LUNG RESECTION FOR LUNG CANCER
161S FIXED LOAD INCREMENTAL RESPIRATORY MUSCLE TRAINING INCREASES RESPIRATORY MUSCLE STRENGTH AND ENDURANCE WITH DECREASED DYSPNOEA AND SUBJECTIVELY IMPROVED SPORTS PERFORMANCE
161S FACTORS THAT DETERMINE EXERCISE PAO_2 IN SEVERE COPD UNABLE TO PERFORM DLCO
162S RELATION OF PHYSICAL EXERCISE TO PROSPECTIVE MORTALITY OF THE MALE POPULATION
162S FACTORS PREDICTING IMPROVEMENTS IN EXERCISE CAPACITY FOLLOWING CARDIAC REHABILITATION AND EXERCISE TRAINING PROGRAMS
162S CHANGES IN EFFICIENCY OF OXYGEN UTILIZATION FOLLOWING EXERCISE TRAINING IN SEVERE COPD
162S CARDIOVASCULAR ADAPTATIONS DURING EXERCISE UNDER EMOTIONAL STRESS
163S MEDIASTINITIS WITHOUT ANTECEDENT CARDIAC SURGERY
163S NOSOCOMIAL PNEUMONIA: PROSPECTIVE STUDY
163S ACTIVITY OF PIPERACILLIN/TAZOBACTAM COMPARED TO OTHER ANTIBIOTICS AGAINST 4,356 LOWER-RESPIRATORY ISOLATES OF AEROBIC AND FACULTATIVE ANAEROBIC GRAM-NEGATIVE BACILLI FROM HOSPITALIZED PATIENTS
163S COMPARATIVE EFFICACY AND SAFETY OF 5-DAY AZITHROMYCIN AND 10-DAY CIPROFLOXACIN IN THE TREATMENT OF ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS
164S VENTILATOR-ASSOCIATED PNEUMONIA COMPLICATING SEVERE COMMUNITY-ACQUIRED PNEUMONIA
164S DIAGNOSIS OF *ECHINOCOCCUS PULMONUM* BY IMMUNOFLUORESCENT TECHNIQUE
164S AIRWAY COLONIZATION IN PATIENTS WITH PROLONGED AND DIFFICULT WEANING FROM MECHANICAL VENTILATION
164S LOW DOSE CEFTRIAXONE VS LOW DOSE CEFOTAXIME IN THE TREATMENT OF RESPIRATORY TRACT INFECTION REQUIRING HOSPITALIZATION
165S SEASONAL VARIATION IN COMMUNITY-ACQUIRED PNEUMONIA
165S INTERLEUKIN-1 AND INTERLEUKIN-6 IN COMMUNITY-ACQUIRED PNEUMONIA: BACTEREMIC PNEUMOCOCCAL PNEUMONIA VS *MYCOPLASMA PNEUMONIAE* PNEUMONIA
165S QUANTITATIVE CULTURE OF BRONCHOSCOPIC SPECIMENS: THE IMPACT OF SAMPLE REFRIGERATION
165S SEVERE COMMUNITY-ACQUIRED PNEUMONIA (SCAP) IN THE ELDERLY: EPIDEMIOLOGY AND PROGNOSIS
166S OUTCOME OF PATIENTS SEEN BY THE PULMONARY AND CRITICAL CARE DIVISION FOLLOWING BONE MARROW TRANSPLANT (BMT)
166S COMPLIANCE WITH INH PROPHYLAXIS IN A PREDOMINANTLY IMMIGRANT GROUP
166S OUTCOME OF BACTEREMIC PNEUMONIA IN ELDERLY
166S PROSPECTIVE STUDY OF COMMUNITY ACQUIRED PNEUMONIA (CAP): DIAGNOSIS ETIOLOGY, RISK FACTORS AND OUTCOME IN HOSPITALIZED PATIENTS
167S PNEUMOCOCCAL ANTIBODIES IN OLDER TOBACCO SMOKERS INDICATE NATURALLY ACQUIRED IMMUNITY
167S REFINING RAPID DIAGNOSTIC PROCEDURES FOR WHOOPING COUGH: COST OR ACCURACY?
167S ORAL VACCINATION ADJUVANTS IN AN ANIMAL MODEL OF *MYCOPLASMA PNEUMONIAE* INFECTION
167S PASSIVE IMMUNIZATION WITH POLYCLONAL ANTISERA DOES NOT RESULT IN EARLY ACCENTUATED HISTOPATHOLOGICAL RESPONSES AFTER LIVE CHALLENGE IN AN ANIMAL MODEL OF *MYCOPLASMA PNEUMONIAE* INFECTION
168S THALLIUM-201 AND GALLIUM-67 SCINTIGRAPHY IN THE DIAGNOSIS OF PULMONARY DISORDERS
168S ACTIVITY OF AMPICILLIN/SULBACTAM, TICARCILLIN/CLAVULANATE, AND PIPERACILLIN/TAZOBACTAM AGAINST 4,659 CLINICAL ISOLATES OF AEROBIC AND FACULTATIVE ANAEROBIC GRAM-NEGATIVE BACILLI FROM INTENSIVE CARE UNIT PATIENTS
168S THE DIAGNOSIS OF LYMPHANGIOLEIOMYOMATOSIS (LAM) AND HISTIOCYTOSIS X (HX) NEED TO BE HISTOLOGICALLY PROVEN
168S PULMONARY ENDOCRINE CELLS IN USUAL INTERSTITIAL PNEUMONIA
169S TOTAL HYDROXYPROLINE IN SERA AS A PARAMETER OF ACTIVE FIBROSING PROCESS OF THE LUNG
169S INTERSTITIAL PULMONARY INVOLVEMENT IN PATIENTS WITH GAUCHER DISEASE
169S SARCOIDOSIS (S), STEROIDS, SEX, AND BONE DISEASES (BD)
169S A PROSPECTIVE TRIAL OF COLCHICINE VS PREDNISONE IN THERAPY FOR IDIOPATHIC PULMONARY FIBROSIS
170S PULMONARY SARCOIDOSIS IN OLDER VS YOUNGER PATIENTS
170S TRANSBRONCHIAL LUNG BIOPSY IN THE DIAGNOSIS OF THE DIFFUSE INTERSTITIAL LUNG DISEASES
170S NEUROSARCOIDOSIS: AN ANALYSIS OF 38 PATIENTS SEEN BETWEEN 1969-1996
170S SARCOIDOSIS IN U.S. GULF WAR (GW) VETERANS (INCIDENCE)
171S SARCOIDOSIS IN U.S. GULF WAR (GW) VETERANS (PREVALENCE)
171S EVALUATION OF LUNG INVOLVEMENT IN PROGRESSIVE SYSTEMIC SCLEROSIS USING BRONCHOALVEOLAR LAVAGE
171S CHRONIC ACTIVE SARCOIDOSIS
171S LIVER DYSFUNCTION IN SARCOIDOSIS
172S THALLIUM-201 SCINTIGRAPHY IN DETECTING THE ACTIVITY OF PULMONARY SARCOIDOSIS
172S HIGH RESOLUTION COMPUTED TOMOGRAPHY (HRCT) AS PREDICTOR OF RESPONSE AND/OR DEATH IN IDIOPATHIC PULMONARY FIBROSIS
172S A RARE CASE OF BRONCHIOLITIS OBLITERANS IN ASSOCIATION WITH EARLY WEGENER GRANULOMATOSIS
172S UNSUSPECTED HISTOPATHOLOGIC FINDINGS IN LUNG TISSUE FROM PATIENTS WITH EMPHYSEMA SUBJECTED TO UNILATERAL THORACOSCOPIC LUNG VOLUME REDUCTION
173S IMPROVED RESULTS OF LUNG VOLUME REDUCTION SURGERY WITH EVOLUTION OF OPERATIVE TECHNIQUE
173S AIRWAY CONDUCTANCE/VOLUME (GAW/V) RELATIONSHIPS FOLLOWING BILATERAL LUNG REDUCTION SURGERY (LRS) FOR DIFFUSE EMPHYSEMA
173S PATHOLOGIC FINDINGS IN LUNG VOLUME REDUCTION SURGERY
173S DIAGNOSIS OF UNSUSPECTED HEART DISEASE IN PATIENTS WITH SEVERE EMPHYSEMA EVALUATED FOR THORACOSCOPIC LUNG VOLUME REDUCTION SURGERY
174S TIDAL WORK OF BREATHING FOLLOWING LUNG VOLUME REDUCTION SURGERY
174S CHANGES IN VENTILATORY DRIVE AFTER LUNG VOLUME REDUCTION
174S CONTRALATERAL LUNG VOLUME REDUCTION SURGERY AFTER SINGLE LUNG TRANSPLANTATION FOR EMPHYSEMA
174S RE-ESTABLISHMENT IN ELASTIC RECOIL OF EMPHYSEMATOUS LUNGS BY VOLUME REDUCTION SURGERY
175S PHYSIOLOGIC AND RADIOLOGIC INDICES IN EVALUATING PATIENTS FOR LUNG VOLUME REDUCTION SURGERY
175S COST EFFECTIVENESS OF LUNG REDUCTION SURGERY VS LUNG TRANSPLANTATION FOR SEVERE EMPHYSEMA
175S DETERMINANTS OF MAXIMUM EXPIRATORY FLOW IN PATIENTS UNDERGOING LUNG VOLUME REDUCTION SURGERY
175S LUNG VOLUME REDUCTION SURGERY: ANALYSIS OF PREOPERATIVE EMPHYSEMA DISTRIBUTION AND SEVERITY USING QUANTITATIVE COMPUTED TOMOGRAPHY
176S TIME COURSE OF SYMPTOMATIC IMPROVEMENT FOLLOWING LUNG VOLUME REDUCTION SURGERY (LVRS) AND COMPARISON TO IMPROVEMENT FOLLOWING PULMONARY REHABILITATION (PR)
176S IMPROVEMENT OF 6 MINUTE WALK IN PATIENTS POST LUNG VOLUME REDUCTION SURGERY
176S SCREENING PATIENTS FOR LUNG VOLUME REDUCTION SURGERY: EXCLUSION CRITERIA
176S ESTABLISHMENT OF A PROGRAM FOR SURGICAL LUNG VOLUME REDUCTION (LVRS): INITIAL RESULTS AND PATIENT SELECTION
177S LUNG VOLUME REDUCTION IN SEVERE COPD: RESULTS AFTER 3 MONTHS
177S THE EFFECT OF LUNG VOLUME REDUCTION SURGERY ON STATIC COMPLIANCE AND MAXIMAL FLOWS IN A RABBIT MODEL OF EMPHYSEMA
177S NUTRITIONAL STATUS OF PATIENTS UNDERGOING VOLUME REDUCTION SURGERY: A PROSPECTIVE EVALUATION
177S PREOPERATIVE PULMONARY REHABILITATION IN PATIENTS WITH COPD AWAITING LUNG VOLUME REDUCTION SURGERY
176S FUNCTIONAL RESULTS OF UNILATERAL VERSUS BILATERAL LUNG REDUCTION
178S EXPERIENCE WITH PATIENTS UNDERGOING SURGICAL PROCEDURES AFTER LUNG VOLUME REDUCTION SURGERY
178S COMPARISON OF PRE AND POSTOPERATIVE STRUCTURAL FEATURES FOLLOWING LUNG VOLUME REDUCTION SURGERY
178S RELATIONSHIP BETWEEN IMAGING FEATURES AND CLINICAL OUTCOME FOLLOWING LUNG VOLUME REDUCTION SURGERY
179S REDUCTION PNEUMOPLASTY FOR SEVERE EMPHYSEMA: IS A UNILATERAL APPROACH BETTER FOR HIGH RISK PATIENTS?
179S EARLY POST-OPERATIVE MORTALITY IN PATIENTS WHO HAVE UNDERGONE BILATERAL LUNG VOLUME REDUCTION SURGERY VIA STERNOTOMY
179S EVALUATING ENDSTAGE EMPHYSEMA PATIENTS FOR LUNG VOLUME REDUCTION SURGERY: THE DENOMINATOR AND FUTURE IMPLICATIONS
179S CHANGES IN VENTILATORY MECHANICS: BULLECTOMY VS LUNG VOLUME REDUCTION OF DIFFUSE EMPHYSEMA
180S IMPROVEMENTS IN SPIROMETRY, SIX MINUTE WALK, DYSPNEA INDEX AND LUNG VOLUMES ARE SUSTAINED ONE YEAR FOLLOWING LUNG VOLUME REDUCTION SURGERY
180S LUNG VOLUME REDUCTION SURGERY: EFFECTS OF DISTRIBUTION OF EMPHYSEMA AND SITE OF RESECTION
180S LUNG VOLUME REDUCTION SURGERY (LVRS)

IMPLICATIONS ON COST OF CARE FOR SEVERE CHRONIC AIRFLOW OBSTRUCTION (CAO)

180S CONTINUAL NEGATIVE PRESSURE VERSUS CONTINUAL POSITIVE AIRWAY PRESSURE FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE EXACERBATION REQUIRING INTENSIVE CARE UNIT ADMISSION

181S THE SALUTARY EFFECT OF ULTRAHIGH FREQUENCY VENTILATION OF PHI

181S CONVENTIONAL VS HIGH FREQUENCY VENTILATION FOR HYALINE MEMBRANE DISEASE: CHILDHOOD LUNG FUNCTION

181S ELASTIC BEHAVIOR OF THE RESPIRATORY SYSTEM IN HEALTHY VENTILATED HUMANS

181S AFTER RESETTING OF A VENTILATOR, CO_2 ELIMINATION OF (ML/MIN) PROVIDES IMMEDIATE INFORMATION ABOUT THE EFFICIENCY OF VENTILATION

182S BRONCHOALVEOLAR LAVAGE LDH AND LDH ISOZYMES AS MARKERS FOR EFFECTS OF CONVENTIONAL MECHANICAL VENTILATION IN HEALTHY PATIENTS UNDERGOING GENERAL ANESTHESIA

182S HEMO-OXYDYNAMIC CONSEQUENCES OF INTERMITTENT MANDATORY VENTILATION (SIMV)+PRESSURE SUPPORT (PSV)+POSITIVE END-EXPIRATORY PRESSURE (PEEP) VS BIPHASIC POSITIVE AIRWAY PRESSURE (BIPAP) IN PATIENTS WITH ACUTE LUNG INJURY (ALI)

182S OUTCOME OF A TRIAL OF NON-INVASIVE VENTILATORY SUPPORT (NIVS) IN PATIENTS WITH HYPERCAPNIC RESPIRATORY FAILURE (HRF) AND STABLE PH

182S OXYGEN CONSUMPTION AS A PREDICTOR OF WEANING FROM MECHANICAL VENTILATION

183S USE OF RIBAVIRIN (R) IN THE TREATMENT OF FORMER PREMATURE INFANTS REQUIRING MECHANICAL VENTILATION (MV) FOR RESPIRATORY SYNCYTIAL VIRAL (RSV) INFECTION

183S ERYTHROPOETIN RESPONSE IS INAPPROPRIATELY LOW TO ANEMIA IN PATIENTS REQUIRING PROLONGED MECHANICAL VENTILATION

183S OPTIMAL TIMING OF EARLY EXTUBATION FOLLOWING CORONARY BYPASS SURGERY

183S PATIENT-VENTILATOR TRIGGER ASYNCHRONY IN PROLONGED MECHANICAL VENTILATION

184S ACCURACY AND COST BENEFIT ANALYSIS OF END TIDAL CARBON DIOXIDE TENSION AND PULSE OXIMETRY DURING WEANING FROM VENTILATOR SUPPORT

184S THE EFFECT OF PRESSURE SUPPORT TITRATION ON BREATHING PATTERN

184S NONINVASIVE NASAL VENTILATION CAN FACILITATE ENDOTRACHEAL EXTUBATION IN THE PEDIATRIC INTENSIVE CARE UNIT

184S WHOLE LUNG LAVAGE IN IDIOPATHIC PULMONARY ALVEOLAR PROTEINOSIS: RESULTS FROM A 6-YEAR PROGRAM

185S WHEN SHOULD BRAIN INJURED PATIENTS BE EXTUBATED?

185S EXTUBATION DELAY AND THE RISK OF PNEUMONIA IN BRAIN INJURED PATIENTS

185S ENDOTRACHEAL TUBE SYSTEMS WORK OF BREATHING CHARACTERISTICS

185S RHABDOMYOLYSIS IN CLASSICAL HEAT STROKE: DESCRIPTION OF PATIENTS FROM THE CHICAGO HEAT WAVE OF 1995

186S EPIDEMIOLOGIC EVALUATION OF SILICOSIS IN CERAMIC WORKERS FROM THE WORKER HEALTH PROGRAM OF JUNDIAI MEDICAL COLLEGE-BRAZIL

186S THE EFFECT OF SMOKING ON ANTIOXIDANT LEVELS IN BRONCHOALVEOLAR LAVAGE FLUID

186S ATOPY IS A PREDISPOSING FACTOR OF THE RESPIRATORY SYMPTOMS IN DYE WORKERS

186S A NEW METHOD FOR DETECTION OF PLASMA 3-NITROTYROSINE IN CIGARETTE SMOKERS

187S A PRIMARY HEALTH CARE (PHC) APPROACH FOR TOBACCO-RELATED RISK-FACTORS

187S THE ROLE OF COLDS AND AIR POLLUTANTS IN ACUTE ASTHMA EXACERBATIONS

187S OZONE AT A LEVEL OF 120 PPB FOR 1 HOUR AT REST DOES NOT ENHANCE ALLERGEN AIRWAY RESPONSES

187S IDENTIFICATION OF METHODS TO PREVENT SMOKING RELAPSE AFTER CORONARY ARTERY BYPASS SURGERY

188S ERGOT ALKALOIDS AND CHRONIC PLEUROPULMONARY FIBROSIS: SYNERGISTIC EFFECT WITH ASBESTOS?

188S ACUTE EFFECTS OF INHALED BETA$_2$-AGONIST ON LUNG FUNCTION IN CHILDREN WITH CHRONIC EXPOSURE TO INHALED VOLCANIC ASH: A DOUBLE-BLIND PLACEBO-CONTROLLED CLINICAL TRIAL

188S ACUTE MOUNTAIN SICKNESS AT MODERATE ALTITUDE

188S QUALITY OF LIFE AND PULMONARY FUNCTION IN RETIRED UNDERGROUND URANIUM MINERS

189S RELATIONSHIP BETWEEN ISOCYANATE-INDUCED ASTHMA AND EXPOSURE LEVELS

189S IMPROVEMENT IN SMOKING CESSATION BY A MULTI-FACTORED MANAGEMENT PROTOCOL.

189S "CLINICALLY IMPORTANT" DECLINES IN FEV_1 IN NON-SMOKING STEEL WORKERS

189S THE VALUE OF DIAGNOSIS FOR TUMOR CELLS IN MALIGNANT PLEURAL EFFUSION EXAMINED WITH THE FLUOROSCOPIC TECHNIQUE

190S INTRAOPERATIVE PLEURAL LAVAGE CYTOLOGY (PLC) IN PATIENTS WITH MALIGNANT PULMONARY TUMORS (MPT): PRELIMINARY REPORT

190S VIDEO-ASSISTED THORACOSCOPIC SURGERY IS MORE COST-EFFECTIVE THAN CONSERVATIVE THERAPY IN PATIENTS WITH FIRST TIME OR RECURRENT SPONTANEOUS PNEUMOTHORAX

190S VIDEO-ASSISTED MEDIASTINOSCOPY IN AN AMBULATORY SETTING

190S PREVALENCE OF MALIGNANCY IN VIDEOTHORACOSCOPICALLY RESECTED INDETERMINATE PERIPHERAL PULMONARY NODULES

191S TEMPORAL EVOLUTION OF PLEURODESIS INDUCED BY INTRAPLEURAL INJECTION OF TALC SLURRY IN RABBITS

191S INDUCTION OF A PLEURODESIS BY THE INTRAPLEURAL INJECTION OF ALUMINUM HYDROXIDE IN RABBITS

191S ALPHA$_1$-ANTITRYPSIN (A1AT) IN THE PLEURAL EFFUSION

191S DIAGNOSTIC VALUE OF SIALIC ACID IN MALIGNANT AND NONMALIGNANT PLEURAL EFFUSION

192S INFLUENCE OF SEASONAL AND METEOROLOGICAL VARIATIONS ON IDIOPATHIC SPONTANEOUS PNEUMOTHORAX (ISP)

192S DOES PLEURAL FLUID NEED TO BE DIRECTLY ASPIRATED INTO A HEPARNIZED SYRINGE TO ASSESS PLEURAL FLUID PH?

192S SONOGRAPHY-GUIDED THORACENTESIS OF MECHANICALLY VENTILATED PATIENTS BY INTENSIVISTS

192S THORACOSCOPY IN CLINICAL ROUTINE: A 6-YEARS' EXPERIENCE

193S IMMUNOHISTOCHEMICAL FINDINGS IN THE DIFFERENTIAL DIAGNOSIS BETWEEN PLEURAL MESOTHELIOMA IN PSEUDOMESOTHELIOMATOUS ADENOCARCINOMA OF THE LUNG

193S EXPIRATORY FLOW LIMITATION DURING SPONTANEOUS BREATHING: COMPARISON OF PATIENTS WITH OBSTRUCTIVE AND RESTRICTIVE RESPIRATORY DISORDERS

193S BRONCHIAL PROVOCATION CHALLENGE TESTING USING HYPERTONIC VERSUS HYPOTONIC AEROSOLS IN SUSPECTED ASTHMATIC PATIENTS: A PROSPECTIVE DOUBLE BLIND CROSSOVER STUDY

193S CHANGE IN PULMONARY FUNCTION TESTS IN NORMAL MALES AND FEMALES AFTER EXPOSURE TO 15,000 FEET OF SIMULATED ALTITUDE

194S MODIFIED TENSION-TIME INDEX: DIFFERENCES BETWEEN COPD AND NORMAL SUBJECTS

194S MINUTE VENTILATION, OXYGEN CONSUMPTION, RESPIRATORY QUOTIENT AND DEAD SPACE/TIDAL VOLUME RELATIONSHIP IN HEMODIALYSIS

194S SUCCESSFUL SURGICAL OUTCOMES ON PATIENTS WITH LOW FEV_1

194S RESECTION VIA MIDSTERNOTOMY: SURGERY OF CHOICE FOR LUNG VOLUME REDUCTION

195S PROFILE OF THE HIGH RISK PNEUMONECTOMY PATIENT

195S RESPIRATORY SEQUELAE OF CHEST TRAUMA

195S IMPACT OF 95% CONFIDENCE INTERVALS ON PULMONARY FUNCTION TEST INTERPRETATIONS

195S THERAPEUTIC EFFECTS OF DIURETICS AND PARACENTESIS ON LUNG FUNCTION IN CIRRHOTICS WITH TENSE ASCITES

196S THE CHANGES OF AIRWAY RESISTANCE AND SPECIFIC AIRWAY CONDUCTANCE TO B-AGONIST IN "NONRESPONSIVE" PATIENTS WITH BRONCHIAL ASTHMA

196S THE LONG LATENCY RESPONSES OF INTERCOSTAL MUSCLES IN MAN

196S ALVEOLAR-ARTERIAL OXYGEN DIFFERENCE UNDER PURE OXYGEN FOR EVALUATION OF RIGHT-TO-LEFT SHUNT

196S DETECTION OF PULMONARY THROMBI IN SCHISTOSOMAL COR PULMONALE BY THORACIC COMPUTED TOMOGRAPHY

197S SINGLE-BREATH DIFFUSING CAPACITY IN ACUTE ASTHMA

197S SEQUELAE FROM PULMONARY TUBERCULOSIS MAY BE A SERIOUS DISEASE

197S RESPIRATORY FUNCTION TESTS AND PULMONARY HEMODYNAMICS IN THE PREOPERATIVE ASSESSMENT OF PNEUMONECTOMY

197S IMPROVED COUGH USING A TRAINED SERVICE DOG FOR A TETRAPLEGIC

198S CHEST WALL MOTION ANALYSIS IN PATIENTS WITH FIBROTHORAX

198S EFFECTS OF BREATHING AT HIGH LUNG VOLUMES ON LUNG ELASTIC RECOIL

198S ABILITY TO PREDICT EXERCISE DESATURATION FROM THE PULMONARY FUNCTION TEST

198S EVALUATION OF THE CARDIOPULMONARY FUNCTION IN PROFESSIONAL SPORTSMEN

199S PULMONARY TOXICITY IN HIGH DOSE INTENSIVE BLEOMYCIN COMBINATION NEOADJUVANT CHEMOTHERAPY IN CERVICAL CANCER

199S BREATHING VARIABILITY DURING WAKEFULNESS AND NREM SLEEP IN HUMANS

199S THE USE OF A SIMPLE QUESTIONNAIRE IN THE EVALUATION OF A PATIENT WHO IS SUSPECTED TO HAVE SLEEP APNEA

199S USE OF THE EPWORTH SLEEPINESS SCALE IN PATIENTS FOLLOWING UVULOPALATOPHARYNGOPLASTY

200S ACCLIMATIZATION IMPROVES THE SUCCESS RATE OF CONTINUOUS POSITIVE AIRWAY PRESSURE TITRATION POLYSOMNOGRAPHY

200S IS RHINITIS ASSOCIATED WITH OBSTRUCTIVE SLEEP APNEA?

200S DEPENDENCE OF INVASIVE BLOOD PRESSURE VALUES ON FOREARM POSITION

200S POSITIVE END-EXPIRATORY PRESSURE (PEEP) DURING NASAL CPAP

201S SURVEY OF ORAL APPLIANCE PRACTICE AMONG DENTISTS TREATING OBSTRUCTIVE SLEEP APNEA PATIENTS: PRELIMINARY RESULTS

201S PREDICTIVE VALUE OF PATIENT'S ASSESSMENT OF THE SEVERITY IN SLEEP APNEA SYNDROME

201S SEVERITY OF AROUSAL AND PATTERN OF O_2 DESATURATION

201S SLEEP DISORDERS IN OPERATION DESERT STORM (ODS) VETERANS

202S VARIATION IN PHYSICIAN THRESHOLD TO TREAT OBSTRUCTIVE SLEEP APNEA (OSA)

2?2S PHYSICIAN PRACTICES IN THE DIAGNOSTIC EVALUATION OF SUSPECTED OBSTRUCTIVE SLEEP APNEA (OSA)

202S EVALUATION OF HYPERCAPNIA IN OBSTRUCTIVE SLEEP APNEA (OSA)

202S THE EXPIRATORY POSITIVE PRESSURE IS ESSENTIAL IN VENTILATION OF OBSTRUCTIVE SLEEP APNEA (OSA)

203S REM SLEEP APNEA SYNDROME

203S REVERSAL OF CENTRAL SLEEP APNEA WITH OXYGEN

203S MANAGEMENT OF POST-POLIO SLEEP RELATED DISORDERED BREATHING

203S EFFECT OF OBESITY ON OBSTRUCTIVE SLEEP APNEA IS AGE-DEPENDENT

204S NOZOVENT®, A NASAL DILATOR DEVICE, DOES NOT IMPROVE NOCTURNAL OXYGENATION

204S THE EFFECT OF "PUMP PRIME ONLY" APROTININ ON NEUTROPHIL CD11B UPREGULATION DURING AND FOLLOWING CARDIOPULMONARY BYPASS IN HUMANS

204S IMPACT OF OBSTRUCTIVE AIRWAY DISEASE ON CORONARY BYPASS PATIENTS POSTOPERATIVE HOSPITAL OUTCOMES

204S EFFECT OF BALLOON VALVULOPLASTY VS MITRAL VALVE REPLACEMENT ON PULMONARY FUNCTION TESTS IN PATIENTS WITH MITRAL VALVE DISEASE

205S REVASCULARIZATION FOLLOWING A FIRST MYOCARDIAL INFARCTION INFLUENCES SURVIVAL

205S LESSONS IN MINIMIZING COMPLICATIONS ASSOCIATED WITH THE IMPLANTATION OF PERMANENT TRANSVENOUS PACEMAKERS

205S CAN PATIENTS WITH LEFT MAIN STENOSIS UNDERGO AUTOLOGOUS BLOOD DONATION PRIOR TO ELECTIVE CORONARY ARTERY BYPASS SURGERY?

205S AUTOLOGOUS BLOOD DONATION FOR CARDIAC SURGERY: EXPERIENCE WITH 671 PATIENTS

206S SHOULD IMPAIRED PULMONARY FUNCTION BE AN OBSTACLE FOR MITRAL VALVE SURGERY?

206S HEMODYNAMIC PERFORMANCE OF THE EDWARDS PRIMA STENTLESS VALVE

206S EVALUATION AND TREATMENT OF DENTAL SEPSIS PRIOR TO CARDIAC VALVE SURGERY

206S SURGICAL RESULTS WITH POSTERIOR MITRAL ANNULOPLASTY

207S MORBID OBESITY: A RISK FACTOR FOR INCREASED MORBIDITY AND MORTALITY IN CORONARY ARTERY BYPASS GRAFTING?
207S REOPERATIVE COMPOSITE ARTERIAL REVASCULARIZATION USING RECYCLED LEFT INTERNAL THORACIC ARTERIES
207S SURGICAL CLOSURE OF ATRIAL SEPTAL DEFECT (ASD): VIDEO-ASSISTED CARDIAC SURGERY (VACS) OR MEDIAN STERNOTOMY (MS)?
207S VIDEO-ASSISTED CARDIAC SURGERIES (VACS): PRELIMINARY EXPERIENCE IN ACQUIRED HEART DISEASES
208S CHANGES IN MANAGEMENT OF ACUTE TYPE-A AORTIC DISSECTIONS
208S MINIMALLY INVASIVE ENDOSCOPIC SAPHENOUS VEIN HARVESTING FOR CORONARY BYPASS SURGERY
208S DIAPHRAGMATIC PARALYSIS, CHRONIC OBSTRUCTIVE PULMONARY DISEASE, AND CORONARY BYPASS SURGERY
208S EFFECT OF MILRINONE ON MYOCARDIAL EFFICIENCY, CORONARY BLOOD FLOW, AND EXTERNAL WORK
209S SELECTION OF INOTROPES AFTER CARDIAC SURGERY: A RATIONAL APPROACH USING MYOCARDIAL EFFICIENCY
209S THE ROLE OF TROPONIN T IN THE DIAGNOSIS OF PERIOPERATIVE MYOCARDIAL INFARCTION
209S INTRAVENOUS CLOFILIUM FOR ACUTE CONVERSION OF ATRIAL FIBRILLATION OR FLUTTER: RESULTS OF A PILOT STUDY
209S PREDICTORS OF MORTALITY FOR CORONARY BYPASS FOLLOWING RECENT INFARCTION
210S FACTORS RELATED TO REHOSPITALIZATION WITHIN 30 DAYS OF DISCHARGE AFTER CORONARY ARTERY BYPASS GRAFTING
210S MEDIASTINAL MASSES IN NEW MEXICO
210S THE MANAGEMENT OF OCCULT PNEUMOTHORAX AFTER BLUNT TRAUMA
210S CORRELATION BETWEEN 3-D SPIRAL COMPUTERIZED TOMOGRAPHY OF THE AIRWAY AND VIDEO-ASSISTED RIGID BRONCHOSCOPY IN PATIENTS WITH OBSTRUCTIVE TRACHEOBRONCHIAL DISEASES
211S TRACHEAL STENTING IN THE MANAGEMENT OF MALIGNANT TRACHEAL STENOSIS SECONDARY TO ESOPHAGEAL CARCINOMA
211S MINIMALLY INVASIVE BULLAE ABLATION—RESULT USING HOME-MADE ENDOLOOP
211S EFFECT OF ONE LUNG VENTILATION ON ATRIAL NATURETIC PEPTIDE RELEASE
211S VIDEO-ASSISTED THORACIC SURGERY AND VIDEOTHORACOSCOPY: RESULTS OF A SERIES OF 200 CONSECUTIVE CASES
212S PULMONARY BIOPSY BY VIDEO-ASSISTED THORACIC SURGERY (VATS): EXPERIENCE OF 76 CASES
212S SURGICAL TREATMENT OF LUNG ABSCESS
212S BRONCHIECTASIS: SURGICAL TREATMENT AND LONG-TERM FOLLOW-UP
212S THE "OPEN TUBE THORACOSCOPY" IN MODERN THORACIC SURGERY
213S MULTIUSE INVESTIGATION OF FIBRIN SEALANT IN EXPERIMENTAL CHEST SURGERY
213S MINIMALLY INVASIVE THORACIC SURGERY (MITS) TO PERFORM LOBECTOMY FOR CLINICAL STAGE I CARCINOMA IS BOTH SAFE AND COST-EFFECTIVE
213S EXPANDED USE OF A MULTIFACTORIAL CARDIOPULMONARY RISK INDEX TO ASSESS RISK OF THORACIC SURGERY
213S HEPATIC AND PULMONARY BIOPSY BY MINITHORACOTOMY AND TRANSDIAPHRAGMATIC ACCESS
214S MEDIASTINOSCOPY IN SUPERIOR VENA CAVA SYNDROME
214S EFFECTS OF THORACOTOMY AND THORACOSCOPY ON RESPIRATORY MUSCLES
214S RIGHT VENTRICULAR FUNCTION AS A RISK FACTOR OF ARRHYTHMIAS AFTER PULMONARY RESECTION
214S IS SURGERY FOR NON SMALL CELL LUNG CANCER JUSTIFIED IN PATIENTS OVER 70 YEARS OF AGE?
215S PULMONARY RESPIRATORY QUOTIENT (PRQ) PREDICTS PULMONARY COMPLICATIONS AFTER THORACIC SURGERY
215S PERIOPERATIVE CHANGES IN MAGNESIUM AFTER THORACIC SURGERY
215S SUPRAVENTRICULAR TACHYCARDIA AFTER EXTRAPLEURAL PNEUMONECTOMY FOR MALIGNANT PLEURAL MESOTHELIOMA
215S PULMONARY FUNCTIONAL EVALUATION IN SEVERE OBSTRUCTION OF MAIN BRONCHI, BEFORE AND AFTER LASER RECANALIZATION
216S REDUCTION PNEUMOPLASTY: QUANTIFYING DEAD SPACE AND VA/Q RELATIONSHIP
216S CARDIAC ARRHYTHMIAS AND MYOCARDIAL ISCHEMIA AFTER THORACOTOMY FOR LUNG CANCER
216S DIAGNOSTIC VIDEO-ASSISTED THORACOSCOPY (VAT) UNDER LOCAL ANESTHESIA IS FEASIBLE
216S PERIOPERATIVE MORTALITY FOLLOWING PNEUMONECTOMY: RISK FACTOR ANALYSIS AND LITERATURE REVIEW
217S EXPERIENCE WITH THE RETRIEVABLE TULIP CAVAL FILTER
217S UTILIZATION OF VENOUS THROMBOEMBOLISM (VTE) PROPHYLAXIS IN A MEDICAL SURGICAL INTENSIVE CARE UNIT (ICU)
217S PREVALENCE OF THE FACTOR V LEIDEN MUTATION R506Q IN CHRONIC MAJOR VESSEL THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH) AND PRIMARY PULMONARY HYPERTENSION (PPH)
217S RIGHT VENTRICULAR DYSFUNCTION IN PULMONARY EMBOLISM
218S RELATIONSHIP BETWEEN PULMONARY VASCULAR OBSTRUCTION AND HEMODYNAMICS IN ACUTE AND CHRONIC PULMONARY EMBOLISM
218S CHRONIC PULMONARY EMBOLISM IS FREQUENTLY MISSED AS AN ETIOLOGY FOR PULMONARY HYPERTENSION
218S THE EXPANDING ROLE OF INFERIOR VENA CAVA FILTERS
218S ONE PROSPECTIVE STUDY OF THE TITANIUM GREENFIELD VENA CAVA FILTER PLACEMENT
219S THE VALUE OF THE RIGHT PRECORDIAL ELECTROCARDIOGRAM IN ACUTE PULMONARY EMBOLISM
219S EFFECT OF MITRAL REGURGITATION ON LEFT VENTRICULAR THROMBUS FORMATION IN DILATED CARDIOMYOPATHY
219S USE OF INTRAVENOUS THYROID HORMONE IN ADVANCED HEART FAILURE AS A BRIDGE TO MECHANICAL VENTRICULAR SUPPORT OR TRANSPLANTATION
219S THE EFFECTS OF PULMONARY VASCULAR IMPEDANCE ON RIGHT VENTRICULAR FUNCTION PRE AND POST HEART TRANSPLANTATION
220S WHAT SOUTH AFRICAN DOCTORS THINK ABOUT ORGAN DONATION AND TRANSPLANTATION
220S LIMITATION IN THE USE OF PEAK EXERCISE OXYGEN CONSUMPTION IN THE SELECTION OF CANDIDATES FOR HEART TRANSPLANTATION
220S PRELIMINARY REPORT OF BILAYER LUNG GRAFT PRESERVATION WITH PERFLUBRON AND EURO COLLINS SOLUTION
220S LUNG TRANSPLANTATION USING MYCOPHENOLATE MOFETIL
221S OKT3 FOR REFRACTORY REJECTION IN LUNG TRANSPLANTATION IS NOT ASSOCIATED WITH AN INCREASED RISK FOR CMV DISEASE
221S MYCOBACTERIAL INFECTIONS IN LUNG TRANSPLANT RECIPIENTS
221S EVALUATION FOR CORONARY ARTERY DISEASE IN POTENTIAL LUNG TRANSPLANT RECIPIENTS
221S IS PULMONARY MICROVASCULAR INTEGRITY MAINTAINED AFTER DEATH?
222S EFFECT OF GENDER MISMATCH ON SURVIVAL IN LUNG TRANSPLANT PATIENTS
222S OUTCOME OF NATIVE LUNG IN SINGLE LUNG TRANSPLANT PATIENTS WITH END-STAGE INTERSTITIAL LUNG DISEASE
222S SURVEILLANCE SEROLOGY FOR THE MONITORING OF CMV DISEASE IN LUNG TRANSPLANT RECIPIENTS
222S LUNG PROCUREMENT FROM SOLID ORGAN DONORS: ROLE OF FLUID RESUSCITATION IN PROCUREMENT FAILURES
223S ROLE OF INTERLEUKIN-10 IN OBLITERATIVE BRONCHIOLITIS IN TRANSPLANTED RAT AIRWAYS
223S PRE-OPERATIVE PULMONARY HYPERTENSION DOES NOT PREDICT PULMONARY REIMPLANTATION RESPONSE FOLLOWING LUNG TRANSPLANTATION
223S NEW ET-KYOTO SOLUTION ON 17-HOUR RAT LUNG STORAGE
223S EFFECTS OF SUGARS ON PULMONARY FUNCTION AND METABOLISM AFTER PULMONARY PRESERVATION
224S DIBUTYRYL CYCLIC AMP ATTENUATES 15 HOUR COLD PRESERVATION INJURY IN AN ISOLATED RAT LUNG MODEL
224S HYPOXIA-REOXYGENATION INJURY OF ENDOTHELIAL CELLS: EFFECT OF HUMAN THIOREDOXIN AND N-ACETYLCYSTEINE
224S THE ULTRASTRUCTURAL CHANGES OF CANINE LUNG PRESERVED FOR 30 HOURS IN NEW ET-KYOTO SOLUTION
224S COMPARISON OF POSITIVE EXPIRATORY PRESSURE THERAPY VERSUS CHEST PHYSIOTHERAPY ON OUTCOME AFTER UNILATERAL LUNG TRANSPLANTATION
225S FIBROBLAST PROLIFERATION ASSESSMENT OF BRONCHOALVEOLAR LAVAGE (BAL) AMONG LUNG TRANSPLANT RECIPIENTS WITH BRONCHIOLITIS OBLITERANS (OB)
225S HUMAN LUNG FIBROBLASTS STORED IN PRESERVATION SOLUTIONS CONTAINING TREHALOSE: DOES IT INCREASE CELL VIABILITY?
225S COMPARISON OF NATIVE VS TRANSPLANTED LUNG VOLUMES BY COMPUTED TOMOGRAPHY FOLLOWING SINGLE LUNG TRANSPLANTATION
225S PULMONARY VENOUS ANASTOMOTIC COMPLICATIONS AFTER LUNG TRANSPLANTATION
226S FACTORS INFLUENCING LONG-TERM SURVIVAL AFTER LUNG TRANSPLANTATION
226S DEPRESSED HEART RATE VARIABILITY AFTER LUNG TRANSPLANTATION: EVIDENCE FOR A PARTIAL STRUCTURAL DENERVATION OF THE HEART
226S PRIMARY PULMONARY HYPERTENSION IN A LUNG TRANSPLANTATION PROGRAM: VALUE OF OPOPROSTENOL TEST
226S THE ASSOCIATION OF STAGE 3 BRONCHIOLITIS OBLITERANS SYNDROME AND BRONCHIECTASIS
227S EFFECT OF DONOR TREATMENT WITH AMBROXOL OR DEXAMETHASONE ON ENDOGENOUS SURFACTANT LEVELS IN EXPERIMENTAL LUNG TRANSPLANTATION
227S INHALED NEBULIZED BUDESONIDE PREVENTS CHRONIC PULMONARY FUNCTIONAL DETERIORATION IN HEART-LUNG TRANSPLANT (HLT) PATIENTS
227S USEFULNESS OF FLOW CYTOMETRY IN LUNG TRANSPLANTATION
227S THE EFFICACY OF ANTIFUNGAL PROPHYLAXIS IN LUNG ALLOGRAFT RECIPIENTS
228S A PROFILE OF DRUG-RESISTANT TUBERCULOSIS IN BOMBAY
228S EPIDEMIOLOGY OF EXTRAPULMONARY TUBERCULOSIS IN AN INNER CITY HOSPITAL
228S EFFECT OF AGE AND CUTANEOUS ADMINISTRATION OF TUBERCULOUS ANTIGEN ON THE RELATIONSHIP BETWEEN LYMPHOCYTE BLASTOGENIC RESPONSE AND TUBERCULINE SKIN TEST
228S INTESTINAL TUBERCULOSIS STILL A MYSTERIOUS DILEMMA
229S OUTCOME OF DIRECTLY OBSERVED THERAPY (DOT) IN MANAGEMENT OF PULMONARY TUBERCULOSIS
229S CHANGING TREND OF MYCOBACTERIA OTHER THAN TUBERCULOSIS: A THREE YEAR REVIEW IN AN INNER-CITY HOSPITAL
229S GAMMA DELTA T CELLS DURING THE TREATMENT OF PULMONARY TUBERCULOSIS
229S DOES CAVITARY TUBERCULOSIS IMPLY DRUG RESISTANCE?
230S UTILITY OF SCREENING CHEST RADIOGRAPHS IN ASYMPTOMATIC PREGNANT TUBERCULIN REACTORS
230S EPIDEMIOLOGICAL CHANGES IN TUBERCULOSIS IN TENNESSEE: EFFECT OF THE ACQUIRED IMMUNE DEFICIENCY SYNDROME ERA
230S THE CLINICAL AND LABORATORY PROFILE OF TUBERCULOUS EMPYEMA
230S THE STATUS OF INDOOR RADON IN THAILAND
231S PREDICTORS OF POSTOPERATIVE INCREASE IN FEV_1 (L) AFTER LUNG VOLUME REDUCTION SURGERY (LVRS) FOR EMPHYSEMA

NUMBER 5, NOVEMBER, 1996

1131 PARTIAL B_2-AGONISTS AND THEIR IMPARTIAL ASSESSMENT
Burton F. Dickey; Richard C. Clark; Roger Barber, Houston
1132 CATCHING UP ON SLEEP: THE NATIONAL SLEEP DISORDERS RESEARCH PLAN
Barbara A. Phillips, Lexington, Kentucky; Steven H. Feinsilver, Mineola, New York; J. Christian Gillin, Lexington, Kentucky
1133 TRACHEOBRONCHIAL STENTS, STUNTS, AND MEDICAL ETHICS REVISITED
Michael Unger, Philadelphia
1135 COPD, PULMONARY EMBOLISM, AND DEATH
Paul D. Stein, Detroit
1136 THE NATRIURETIC PEPTIDES: CLINICAL APPLICATIONS IN PATIENTS WITH COPD

James R. Klinger; Michael Cutaia, Providence, Rhode Island

1138 ASTHMA PATHOGENESIS AND THE PERIPATETIC POLYMORPHONUCLEAR GRANULOCYTE: THE PHLOGISTIC PLOT THICKENS
I. Leonard Bernstein, Cincinnati

1139 SOCIETY AND TOXICOLOGY: A DOUBLE STANDARD? OR OF MICE AND TOADS . . . (WITH APOLOGIES TO MR. STEINBECK)
Timothy E. Albertson; Robert S. Tharratt, Sacramento, California

1141 VARIATIONS IN DNR RATES: THE ONUS IS ON PHYSICIANS
Thomas J. Prendergast, Lebanon, New Hampshire; Thomas A. Raffin, Stanford, California

1143 ADHESION MOLECULES (E-SELECTIN AND ICAM-1) IN PULMONARY ALLOGRAFT REJECTION
Revati Shreeniwas; Larry L. Schulman; Mangala Narasimhan; Carlton C. McGregor; Charles Marboe, New York

1150 BRONCHIOLITIS OBLITERANS ORGANIZING PNEUMONIA (BOOP) IN LUNG TRANSPLANT RECIPIENTS
Cecilia Chaparro; Dean Chamberlain, Toronto, Canada; Janet R. Maurer, Cleveland; Timothy L. Winton; Alberto Dehoyos, Toronto, Canada; Steven Kesten, Chicago

1155 MANAGEMENT OF MALIGNANT ESOPHAGOTRACHEAL FISTULAS WITH AIRWAY STENTING AND DOUBLE STENTING
Lutz Freitag, Hemer, Germany; Edith Tekolf; Heinz Steveling; Terrence J. Donovan; Georgios Stamatis, Essen, Germany

1161 THE USE OF THE COVERED WALLSTENT FOR THE PALLIATIVE TREATMENT OF INOPERABLE TRACHEOBRONCHIAL CANCERS: A PROSPECTIVE, MULTICENTER STUDY
Philippe Monnier; Albert Mudry, Lausanne, Switzerland; Franz Stanzel; Karl Haeussinger, Gauting, Germany; Markus Heitz, Zurich, Switzerland; Rudolf Probst; Chris T. Bolliger, Basel, Switzerland

1169 USE OF A PLEURAL CATHETER FOR THE MANAGEMENT OF SIMPLE PNEUMOTHORAX
Terri R. Martin; Giuseppe Fontana; Jemi Olak; Mark K. Ferguson, Chicago

1173 FACTORS PREDISPOSING TO MEDIAN STERNOTOMY COMPLICATIONS: DEEP VS SUPERFICIAL INFECTION
Ancar Zacharias; Robert H. Habib, Toledo, Ohio

1179 LONG-TERM EFFECTS OF NASAL INTERMITTENT POSITIVE-PRESSURE VENTILATION ON PULMONARY FUNCTION AND SLEEP ARCHITECTURE IN PATIENTS WITH NEUROMUSCULAR DISEASES
Ferran Barbe, Barcelona, Spain; M. A. Quera-Salva; J. de Lattre; Philippe Gajdos, Garches, France; Alvar G. N. Agusti, Palma De Mallorca, Spain

1184 INFLUENCE OF MAXILLARY CONSTRICTION ON NASAL RESISTANCE AND SLEEP APNEA SEVERITY IN PATIENTS WITH MARFAN'S SYNDROME
Peter A. Cistulli; Glenn N. Richards; Richard G. Palmisano; Gunnar Unger; Michael Berthon-Jones, Kogarah, Australia; Colin E. Sullivan, Camperdown, Australia

1189 THE SINGLE-BREATH DIFFUSING CAPACITY FOR CARBON MONOXIDE IN OBSTRUCTIVE SLEEP APNEA AND OBESITY
Philippe Collard; Jean-Yves Wilputte; Geneviève Aubert; Daniel Rodenstein; Albert Frans, Brussels, Belgium

1194 EFFECT OF MENTHOL CIGARETTES ON BIOCHEMICAL MARKERS OF SMOKE EXPOSURE AMONG BLACK AND WHITE SMOKERS
Pamela I. Clark; Shiva Gautam; Lowell W. Gerson, Rootstown, Ohio

1199 SMOKING CESSATION AND LUNG CANCER RESECTION
Carolyn M. Dresler; Marci Bailey; Charles R. Roper, Philadelphia; G. Alexander Patterson; Joel D. Cooper, St. Louis

1203 EFFECTS OF REPEATED ADMINISTRATION OF ZOLPIDEM ON SLEEP, DIURNAL AND NOCTURNAL RESPIRATORY FUNCTION, VIGILANCE, AND PHYSICAL PERFORMANCE IN PATIENTS WITH COPD
Christophe Girault; Jean-François Muir; Florian Mihaltan, Rouen, France; Pascal Borderies; Bertrand De La Giclais, Meudon, France; Annie Verdure; Dominique Samson-Dollfus, Rouen, France

1212 PULMONARY EMBOLISM AND MORTALITY IN PATIENTS WITH COPD
Jeffrey L. Carson, New Brunswick, New Jersey; Michael L. Terrin, Baltimore; Amy Duff, New Brunswick, New Jersey; Mark A. Kelley, Philadelphia

1220 ATRIAL NATRIURETIC PEPTIDE AND BRAIN NATRIURETIC PEPTIDE IN COR PULMONALE: HEMODYNAMIC AND ENDOCRINE EFFECTS
Robert I. Cargill, Inverness, Scotland; Brian J. Lipworth, Dundee, Scotland

1226 BRONCHODILATATION AND THE INSPIRATORY FLOW VOLUME CURVE
Raju Reddy, Memphis, Tennessee; Timothy R. Cook, Little Rock, Arkansas; Michael F. Tenholder, Memphis, Tennessee

1229 EFFECT OF INHALED SALMETEROL ON SULFUR DIOXIDE-INDUCED BRONCHOCONSTRICTION IN ASTHMATIC SUBJECTS
Henry Gong, Jr.; William S. Linn; Deborah A. Shamoo; Karen R. Anderson; Cheryl A. Nugent; Kenneth W. Clark; Andy E. Lin, Downey, California

1236 BAL NEUTROPHILIA IN ASTHMATIC PATIENTS: A BY-PRODUCT OF EOSINOPHIL RECRUITMENT?
Vania Frangova; Oliviero Sacco; Michela Silvestri, Genoa, Italy; Susanna Oddera, Genova, Italy; Antonella Balbo, Genoa, Italy; Emanuele Crimi, Genova, Italy; Giovanni A. Rossi, Genoa, Italy

1243 ASSESSMENT OF RIGHT VENTRICLE FUNCTION AND PULMONARY ARTERY CIRCULATION BY CINE-MRI IN PATIENTS WITH AIDS
Enrique Casalino; Jean-Pierre Laissy; Philippe Soyer; Elizabeth Bouvet; Francois Vachon, Paris, France

1248 DIPYRIDAMOLE AND DOBUTAMINE-ATROPINE STRESS ECHOCARDIOGRAPHY IN THE DIAGNOSIS OF CORONARY ARTERY DISEASE: COMPARISON WITH EXERCISE STRESS TEST, ANALYSIS OF AGREEMENT, AND IMPACT OF ANTIANGINAL TREATMENT
José Alberto San Román, Valladolid, Spain; Isidre Vilacosta; Juan Antonio Castillo; María Jesús Rollán; Vicente Peral; Luis Sánchez-Harguindey, Madrid, Spain; Francisco Fernández-Avilés, Valladolid, Spain

1255 SYMPTOM INTENSITY AND SUBJECTIVE LIMITATION TO EXERCISE IN PATIENTS WITH CARDIORESPIRATORY DISORDERS
Alan L. Hamilton; Kieran J. Killian; Edie Summers; Norman L. Jones, Hamilton, Canada

1264 LOW EFFICIENCY OF OXYGEN UTILIZATION DURING EXERCISE IN HYPERTHYROIDISM
Hirotaka Kimura; Yasuhiro Kawagoe; Noboru Kaneko, Tokyo, Japan; Henry E. Fessler, Baltimore; Saichi Hosoda, Tokyo, Japan

1271 ETIOLOGY AND PROGNOSTIC SIGNIFICANCE OF EOSINOPHILIC PLEURAL EFFUSIONS: A PROSPECTIVE STUDY
Jeffrey B. Rubins; Hanna Bloomfield Rubins, Minneapolis

1275 PATIENT'S SELF-INTERPRETATION OF TUBERCULIN SKIN TESTS
Charlotte R. Colp; Adina Goldfarb; Isaac Wei; John Graney, New York

1278 RESPIRATORY SYMPTOMS AND PEAK EXPIRATORY FLOW IN SURVIVORS OF THE NYOS DISASTER
Emmanuel Afane Ze; Nicolas Roche; Guillaume Atchou; Pierre Carteret; Gerard J. Huchon, Boulogne, France

1282 TREATMENT OF TOAD VENOM POISONING WITH DIGOXIN-SPECIFIC FAB FRAGMENTS
Jeffrey R. Brubacher, Vancouver, Canada; Padinjarekuttu R. Ravikumar; Theodore Bania; Michael B. Heller; Robert S. Hoffman, New York

1289 IMPORTANCE OF DIFFUSE ASPIRATION BRONCHIOLITIS CAUSED BY CHRONIC OCCULT ASPIRATION IN THE ELDERLY
Takeshi Matsuse; Teruaki Oka; Kozui Kida; Yoshinosuke Fukuchi, Tokyo, Japan

1294 COMPARISON OF THE EFFECTS OF HEAT AND MOISTURE EXCHANGERS AND HEATED HUMIDIFIERS ON VENTILATION AND GAS EXCHANGE DURING WEANING TRIALS FROM MECHANICAL VENTILATION
Genevieve Le Bourdellès; Laurence Mier; Béatrice Fiquet; Kamel Djedaini; Georges Saumon; François Coste; Didier Dreyfuss, Colombes, France

1299 A COMPARISON OF SEVERITY OF ILLNESS SCORING SYSTEMS FOR CRITICALLY ILL OBSTETRIC PATIENTS
Ali El-Solh; Brydon J.B. Grant, Buffalo, New York

1305 PULMONARY CAPILLARITIS AND ALVEOLAR HEMORRHAGE: UPDATE ON DIAGNOSIS AND MANAGEMENT
Ronald J. Green, Mountain View, California; Stephen J. Ruoss; Sally A. Kraft; Gerald J. Berry; Thomas A. Raffin, Stanford, California

1317 EXERCISE AND HEART FAILURE: A REVIEW
Ileana L. Piña; James T. Fitzpatrick, Philadelphia

1328 MEDIASTINOSCOPY VS THORACOSCOPY FOR MEDIASTINAL BIOPSY: RESULTS OF A PROSPECTIVE NONRANDOMIZED STUDY
Dominique Gossot; Luis Toledo; Sylvie Fritsch; Michel Celerier, Paris, France

1332 VARIATIONS IN THE USE OF DO NOT RESUSCITATE ORDERS IN INTENSIVE CARE UNITS: FINDINGS FROM A NATIONAL STUDY
Robert L. Jayes; Jack E. Zimmerman; Douglas Wagner, Washington, DC; William A. Knaus, Charlottesville, Virginia

1340 CLINICAL CONFERENCE ON MANAGEMENT DILEMMAS: PULMONARY VASCULOPATHY AND RECURRENT PNEUMOTHORACES
Jeffrey Y. Schnader, Dayton, Ohio; Peter B. Terry, Baltimore; Stephen K. Field, Calgary, Canada; Adam S. Katz, Merrick, New York; Kenneth M. Moser, San Diego

1348 UNILATERAL PLEURAL THICKENING
George H. Lum, Washington, DC; LTC Ronald K. Poropatich, MC USA, Bethesda, Maryland

1351 A MAN WITH A PROLONGED EPISODE OF PALPITATIONS

1353 ABDOMINAL PAIN AND MASSIVE INTRAVASCULAR HEMOLYSIS IN A 47-YEAR-OLD MAN
Kwan C. Pun; John H. Wehner, San Jose, California

1356 ACUTE SUPERIOR VENA CAVA OBSTRUCTION AFTER RUPTURE OF A BRONCHIAL ARTERY ANEURYSM
Vincent Hoffmann; Dirk Ysebaert; Arthur De Schepper; Cecile Colpaert; Philippe Jorens, Edegem, Belgium

1358 COEXISTENT ASTHMA AND FUNCTIONAL UPPER AIRWAY OBSTRUCTION: CASE REPORTS AND REVIEW OF THE LITERATURE
Ashraf Elshami; Gregory Tino, Philadelphia

1361 OXYGENATION IMPROVEMENT WITH NITRIC OXIDE IN RIGHT-TO-LEFT SHUNT WITHOUT SIGNIFICANT EFFECTS ON PULMONARY ARTERY PRESSURE
Daniel De Backer; Jean-Marie Moures; Jean-Luc Vachiery; Jean-Louis Leclerc; Robert-Jean Kahn; Jean-Louis Vincent, Brussels, Belgium

1363 ANOMALOUS PULMONARY VENOUS PATHWAY TRAVERSING PULMONARY PARENCHYMA: DIAGNOSIS AND IMPLICATION
Jou-Kou Wang; Ing-Sh Chiu; Shu-Wen How; Mei-Hwan Wu; Fen-Fen Wu; Chi-Ren Hung; Hung-Chi Lue, Taipei, Taiwan ROC

1366 INTRACARDIAC ECTOPIC THYROID MASS
Shigekazu Fujioka, Osaka, Japan; Yoshiki Takatsu, Hyogo, Japan; Hidemitsu Tankawa; Kazuo Yamanaka; Fumitaka Ando, Osaka, Japan

1368 ARTERIAL HYPOXAEMIA DURING PREGNANCY CAUSED BY PULMONARY ARTERIOVENOUS MICROFISTULAS
Peter Wilmshurst, Shrewsbury, United Kingdom; Peter Jackson, Huddersfield, United Kingdom

1370 EMBOLIZATION OF PULMONARY CATHETER-INDUCED PULMONARY ARTERY PSEUDOANEURYSMS
Charles E. Ray, Jr., Hamburg, New York; John A. Kaufman; Stuart C. Geller; S. Mitchell Rivitz, Buffalo, New York; David J. Kanarek, Boston; Arthur C. Waltman, Buffalo, New York

1374 TREATING REFRACTORY COUGH WITH AEROSOLS OF MEPIVACAINE
Angel Almansa-Pastor, Malaga, Spain
Response—Scott Trochtenberg, Madison, Tennessee

1375 CARBON MONOXIDE AND GENERAL ANESTHESIA
Neil B. Hampson; Susan B. McDonald, Seattle
Response—Robert Gilbert, Syracuse, New York

1375 PLEURAL FLUID CHOLESTEROL AND LACTATE DEHYDROGENASE FOR SEPARATING EXUDATES FROM TRANSUDATES
Eduardo Garcia-Pachon; Isabel Padilla-Navas, Alicante, Spain

1376 THE LOW COST OF THE ADENOSINE DEAMINASE ASSAY
Carilaos Gakis, Sassari, Italy
Response—Kent D. Miller, Miami

1377 PULMONARY HYPERTENSION AND OBSTRUCTIVE SLEEP APNEA
James A. Rowley, Detroit
Response—Nancy A. Collop, Charleston, South Carolina

NUMBER 6, DECEMBER, 1996

1379 OF NO SIGNIFICANT BENEFIT
Bruce K. Rubin, St. Louis

1379 ACCEPTING THE "GUIDELINE" CHALLENGE
William C. Bailey; Connie L. Kohler, Birmingham, Alabama

1381 MOLECULAR BIOLOGY APPLIED TO TUBERCULOSIS: THE THIRD LANDMARK

Julio Collazos, Vizcaya, Spain

1382 EVIDENCE-BASED ASTHMA GUIDELINES
J. Mark FitzGerald, Vancouver, Canada; Sheldon Spier, Calgary, Canada; Pierre P. Ernst, Montreal, Canada

1384 HEPATIC AND PULMONARY BIOPSY BY MINI-THORACOTOMY AND TRANSDIAPHRAGMATIC ACCESS
Angelo Fernandez; David E. Uip; Tania M.V. Strabelli; Ricardo H. Bammann; Francisco S. Vargas; Fabio B. Jatene, São Paulo, Brazil

1387 THORACOSCOPIC TALC POUDRAGE PLEURODESIS FOR MALIGNANT EFFUSIONS: A REVIEW OF 360 CASES
Jean-Regis Viallat; Françoise Rey; Philippe Astoul; Christian Boutin, Marseille, France

1394 LONG-TERM OUTCOME WHEN MAJOR COMPLICATIONS FOLLOW CORONARY ARTERY BYPASS GRAFT SURGERY: RECOVERY AFTER COMPLICATED CORONARY ARTERY BYPASS GRAFT SURGERY
Gary W. Wahl; Andrew J. Swinburne; Anthony J. Fedullo, Rochester, New York; David K. Lee, West Haven, Connecticut; Karen Bixby, Rochester, New York

1399 BILATERAL LUNG VOLUME REDUCTION SURGERY FOR ADVANCED EMPHYSEMA: A COMPARISON OF MEDIAN STERNOTOMY AND THORACOSCOPIC APPROACHES
Robert M. Kotloff, Elkins Park, Pennsylvania; Gregory Tino; Joseph E. Bavaria; Harold I. Palevsky; John H. Hansen-Flaschen; Peter M. Wahl; Larry R. Kaiser, Philadelphia

1407 LUNG FUNCTION 12 MONTHS FOLLOWING EMPHYSEMA RESECTION
Arthur F. Gelb, Lakewood, California; Matthew Brenner, Orange, California; Robert J. McKenna, Jr., Los Angeles; Noe Zamel, Toronto, Canada; Richard Fischel, Orange, California; Joel D. Epstein, Lakewood, California

1416 SPIROMETRY REFERENCE VALUES FOR HEALTHY ELDERLY BLACKS
Paul L. Enright; Alice Arnold, Tucson, Arizona; Teri A. Manolio, Bethesda, Maryland; Lewis H. Kuller, Tucson, Arizona

1425 PULMONARY FUNCTION IN OBESE SUBJECTS WITH A NORMAL FEV_1/FVC RATIO
Hamid Sahebjami; Peter S. Gartside, Cincinnati

1430 MEMBRANE DIFFUSION AND CAPILLARY BLOOD VOLUME IN CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION
Robert J. Bernstein, Ventura, California; Robert L. Ford; Jack L. Clausen; Kenneth M. Moser, San Diego

1437 THEOPHYLLINE IMPROVES MEASUREMENTS OF RESPIRATORY MUSCLE EFFICIENCY
Michael S. Sherman; David M. Lang; Amir Maltiyahu; David Campbell, Philadelphia

1443 PAIN DURING ARTERIAL PUNCTURE
Jordi Giner; Pere Casan; José Belda; Mercedes González; Rosa Mª Miralda; Joaquín Sanchis, Barcelona, Spain

1446 THE ASSOCIATION BETWEEN ASTHMA DRUGS AND SEVERE LIFE-THREATENING ATTACKS
Harold H. Rea; Jeffrey Garrett, Auckland, New Zealand; Stephan Lanes; Brenda M. Birmann, Newton Lower Falls, Massachusetts; John Kolbe, Auckland, New Zealand

1452 TOLERANCE TO THE PROTECTIVE EFFECT OF SALMETEROL ON ALLERGEN CHALLENGE
Daniele Giannini; Anna Carletti; Federico L. Dente; Elena Bacci; Antonella Di Franco; Barbara Vagaggini; Pier Luigi Paggiaro, Pisa, Italy

1458 PERIODICITY OF ASTHMA, EMPHYSEMA, AND CHRONIC BRONCHITIS IN A NORTHWEST HEALTH MAINTENANCE ORGANIZATION
Molly L. Osborne; William Voltmer; A. Sonia Buist, Portland, Oregon

1463 DIFFERENTIAL INFLUENCES ON ASTHMA SELF-MANAGEMENT KNOWLEDGE AND SELF-MANAGEMENT BEHAVIOR IN ACUTE SEVERE ASTHMA
John Kolbe; Marina Vamos; Wendy Fergusson; Gail Elkind; Jeffrey Garrett, Auckland, New Zealand

1469 TYPE OF LYMPH NODE INVOLVEMENT INFLUENCES SURVIVAL RATES IN T1N1M0 NON-SMALL CELL LUNG CARCINOMA
Edwin van Velzen; Repke J. Snijder; Aart Brutel de la Riviere; Hans J.J. Elbers; Jules M.M. Van Den Bosch, Nieuwegein, the Netherlands

1474 THE CHANGING RADIOGRAPHIC PRESENTATION OF BRONCHOGENIC CARCINOMA WITH REFERENCE TO CELL TYPES
Daniel L. Quinn, Marshfield, Wisconsin; Adriane Gianlupi, Sacramento, California; Steven Broste, Marshfield, Wisconsin

1480 PULMONARY ARTERY SARCOMA: CLINICAL FEATURES
James M. Parish, Scottsdale, Arizona; Edward C. Rosenow III; Stephen J. Swensen; Thomas B. Crotty, Rochester, Minnesota

1489 NORMAL OXYHEMOGLOBIN SATURATION DURING SLEEP: HOW LOW DOES IT GO?
Robert E. Gries, Cleveland; Loe J. Brooks, Camden, New Jersey

1493 POSTURE-DEPENDENT CHANGE OF TRACHEAL SOUNDS AT STANDARDIZED FLOWS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
Hans Pasterkamp, Winnipeg, Canada; Jürgen Schäfer, Ulm, Germany; George R. Wodicka, West Lafayette, Indiana

1499 ORAL EMPIRICAL TREATMENT OF COMMUNITY-ACQUIRED PNEUMONIA: A MULTICENTER, DOUBLE-BLIND, RANDOMIZED STUDY COMPARING SPARFLOXACIN WITH ROXITHROMYCIN
Åke Örtqvist, Danderyd, Sweden; Matti Valtonen, Helsinki, Finland; Otto Cars, Uppsala, Sweden; Martin Wahl, Goteborg, Sweden; Pekka Salikku, Oulu, Finland; Chantal Jean, Paris, France

1507 FLUCONAZOLE VS ITRACONAZOLE-FLUCYTOSINE ASSOCIATION IN THE TREATMENT OF ESOPHAGEAL CANDIDIASIS IN AIDS PATIENTS: A DOUBLE-BLIND, MULTICENTER, PLACEBO-CONTROLLED STUDY
Giuseppe Barbaro, Rome, Italy; Giorgio Barbarini, Pavia, Italy; Gabriella Di Lorenzo, Rome, Italy

1515 PREVALENCE OF PULMONARY HYPERTENSION IN LIMITED AND DIFFUSE SCLERODERMA
Robert W. Battle; Martha A. Davitt; Sheldon M. Cooper; Lenore M. Buckley; Edward S. Leib; Peter A. Beglin; Marc D. Tischler, Burlington, Vermont

1520 CARDIORESPIRATORY RESPONSES TO INCREMENTAL EXERCISE IN PATIENTS WITH SYSTEMIC SCLEROSIS
Martin Schwaiblmair, Munich, Germany; Jürgen Behr, Munchen, Germany; Günter Fruhmann, Munich, Germany

1526 EXERCISE TRAINING DECREASES DYSPNEA AND THE DISTRESS AND ANXIETY ASSOCIATED WITH IT: MONITORING ALONE MAY BE AS EFFECTIVE AS COACHING
Virginia Carrieri-Kohlman; Jenny M. Gormley; Marilyn K. Douglas; Steven M. Paul; Michael S. Stulbarg, San Francisco

1536 ENDOSCOPIC TREATMENT OF MALIGNANT AIRWAY OBSTRUCTIONS IN 2,008 PATIENTS
Sergio Cavaliere, Brescia, Italy; Federico Venuta, Rome, Italy; Pierfranco Foccoli; Carlo Toninelli; Beniamino La Face, Brescia, Italy

1543 DEVELOPMENT OF AN ULTRATHIN FIBERSCOPE WITH A BUILT-IN CHANNEL FOR BRONCHOSCOPY IN INFANTS
Seiki Hasegawa, Nagahama, Japan; Shigeki Hitomi; Masahiro Murakawa; Kenjiro Mori, Kyoto, Japan

1547 VALIDATION OF AN INEXPENSIVE B-MODE ULTRASOUND DEVICE FOR DETECTION OF DEEP VEIN THROMBOSIS
Steven J. Trottier; Subhash K. Todi; Christopher Veremakis, St. Louis

1551 ASSESSMENT OF THE MOTOR PATHWAY TO THE DIAPHRAGM USING CORTICAL AND CERVICAL MAGNETIC STIMULATION IN THE DECISION-MAKING PROCESS OF PHRENIC PACING
Thomas Similowski; Christian Straus; Valerie Attali; Alexandre Duguet; Beatrice Jourdain; Jean Philippe Derenne, Paris, France

1558 EARLY DIAGNOSIS OF VENTILATOR-ASSOCIATED PNEUMONIA: IS IT POSSIBLE TO DEFINE A CUTOFF VALUE OF INFECTED CELLS IN BAL FLUID?
Bernard Allaouchiche; Helene Jaumain; Charles Dumontet; Jean Motin, Lyon, France

1566 CRITERIA FOR EXTUBATION AND TRACHEOSTOMY TUBE REMOVAL FOR PATIENTS WITH VENTILATORY FAILURE: A DIFFERENT APPROACH TO WEANING
John R. Bach; Louis R. Saporito, Newark, New Jersey

1572 LATE COMPLICATIONS OF PERCUTANEOUS DILATATIONAL TRACHEOTOMY
L. W. E. van Heurn; Reginald Goei; Iwan de Ploeg, Heerlen, the Netherlands; Graham Ramsay, Maastricht, the Netherlands; Peter R. G. Brink, Heerlen, the Netherlands

1577 REINTUBATION AS AN OUTCOME PREDICTOR IN TRAUMA PATIENTS
Brian J. Daley, Knoxville, Tennessee; Felix A. Garcia-Perez; Steven E. Ross, Camden, New Jersey

1581 NOCTURNAL NON-INVASIVE POSITIVE PRESSURE VENTILATORY ASSISTANCE
David M. Claman, San Francisco; Amanda J. Piper, Camperdown, Australia; Mark H. Sanders; Ronald A. Stiller, Pittsburgh; Bernhard A. Votteri, Redwood City, California

1589 ASTHMA; BETTER OUTCOME AT LOWER COST? THE ROLE OF THE EXPERT IN THE CARE SYSTEM
Thaddeus C. Bartter; Melvin R. Pratter, Camden, New Jersey

1597 CONTROVERSIES IN SLEEP DISORDERS MEDICINE: PULMONOLOGISTS RESPOND!
Barbara A. Phillips, Lexington, Kentucky; Nancy A. Collop, Charleston, South Carolina; Patrick J. Strollo, Jr., Pittsburgh

1603 VIDEO-ASSISTED CARDIAC SURGERY: PRELIMINARY EXPERIENCE IN REOPERATIVE MITRAL VALVE SURGERY
Feng-Chun Tsai; Pyng Jing Lin; Chau-Hsiung Chang; Hui-Ping Liu; Peter PC Tan; Fun-Chung Lin; Cheng Wen Chiang, Taipei, Taiwan ROC

1608 PROGRESSIVE SHORTNESS OF BREATH IN A 50-YEAR-OLD MAN WITH ULCERATIVE COLITIS
David R. Ralston; Roy C. St John, Columbus, Ohio

1611 A PATIENT WITH CEREBRAL ARTERIOVENOUS MALFORMATION AND MULTIPLE METALLIC PULMONARY PARTICLES
Vladimir Kaplan, Zurich, Switzerland; Markus Hausermann, Wil, Switzerland; Rudolf Speich, Schlieren, Switzerland

1613 AN ASTHMATIC BECOMES HYPOTENSIVE ON MECHANICAL VENTILATOR SUPPORT
Richard S. Irwin, Worcester, Massachusetts

1615 EFFECT OF POSTURE ON THE FLOW-VOLUME LOOP IN TWO PATIENTS WITH EUTHYROID GOITER
Marc Meysman; Marc M. P. Noppen; Walter G. Vincken, Brussels, Belgium

1618 A CASE OF ACUTE EOSINOPHILIC PNEUMONIA—EVIDENCE FOR HYPERSENSITIVITY LIKE PULMONARY REACTION
Takahiro Iwami; Seiji Umemoto, Yamaguchi, Japan; Kenji Ikeda, Shimonoseki, Japan; Hiroatsu Yamada; Masunori Matsuzaki, Yamaguchi, Japan

1622 GET REAL, DR. BLOCK
Robert Carlen, Sayville, New York

1622 *George G. Spellman, Jr., Brookline, Massachusetts*

1623 THE BARBARISM OF MANAGED CARE, REVISITED
David A. Bittar, San Diego

1623 *Alan D. Siegel, Fort Myers, Florida*

1623 *Kenneth L. Toppell, Houston*

1624 *Alan S. Brooker, Chico, California*
Response—Richard Lutes, West Haven, Connecticut

1624 ALPHA1-PROTEINASE INHIBITOR (HUMAN) SHORTAGE
Ira D. Horowitz, Cherry Hill, New Jersey

1625 DO NOT FORGET THE PATHOLOGIST AND THE CYTOLOGIST
Hans Willi M. Breuer, Gorlitz, Germany
Response—Vijay Chechani, Roswell, New Mexico

1625 SELECTIVE DECONTAMINATION
James Hurley, Horsham, Australia
Response—Claude D. Martin, Marseille, France

1626 DANNY'S LIBERATION ON INDEPENDENCE DAY
Jennifer Lomotan; Alan Rothman; Robert D. Brandstetter, New Rochelle, New York

1627 FROM CPR TO DNR: THE RETURN OF DEATH WITH DIGNITY
Pasquale Ciaglia, Utica, New York

1627 CERVICAL COLLAR IN SLEEP APNEA
Joseph F. Genovese, Bayside, New York; Gwendolyn L. Simms, Uniondale, New York

1629 CONTENTS INDEX, VOLUME 110 (JULY-DECEMBER, 1996)

1646 AUTHOR INDEX, VOLUME 110 (JULY-DECEMBER, 1996)

1653 SUBJECT INDEX, VOLUME 110 (JULY-DECEMBER, 1996)

NUMBER 6, DECEMBER, 1996
Supplement

237S A 30-YEAR PERSPECTIVE ON A_1-ANTITRYPSIN DEFICIENCY
Sten Eriksson, Malmo, Sweden

243S A_1-ANTITRYPSIN DEFICIENCY: A CONFORMATIONAL DISEASE
Robin W. Carrell; David A. Lomas; Sanjiv Sidhar, Cambridge, England; Richard Foreman, Southampton, England

248S PATHOGENESIS OF HEREDITARY EMPHYSEMA AND REPLACEMENT THERAPY FOR A_1-ANTITRYPSIN DEFICIENCY: INSIGHT INTO THE MORE COMMON FORMS OF EMPHYSEMA
James E. Gadek; Eric R. Pacht, Columbus, Ohio

251S PATHOGENESIS AND PATHOLOGY OF LIVER DISEASE ASSOCIATED WITH A_1-ANTITRYPSIN DEFICIENCY
Guido Massi, Rome, Italy

256S OPPORTUNITIES FOR THE USE OF AEROSOLIZED Λ_1-ANTITRYPSIN FOR THE TREATMENT OF CYSTIC FIBROSIS
Elizabeth D. Allen, Columbus, Ohio

261S USE OF SECRETORY LEUKOPROTEASE INHIBITOR TO AUGMENT LUNG ANTINEUTROPHIL ELASTASE ACTIVITY
Claus Vogelmeier, Munchen, Germany; Adrian Gillissen, Bochum, Germany; Roland Buhl, Frankfurt, Germany

267S OXIDANT-PROTEASE INTERACTION IN THE LUNG: PROSPECTS FOR ANTIOXIDANT THERAPY
Roland Buhl, Frankfurt, Germany; Andreas Meyer, Grosshansdorf, Germany; Claus Vogelmeier, Munchen, Germany

273S THE INTERDEPENDENCE OF LUNG ANTIOXIDANTS AND ANTIPROTEASE DEFENSE IN ARDS
James E. Gadek; Eric R. Pacht, Columbus, Ohio

278S BIOENGINEERING: Λ_1-PROTEINASE INHIBITOR SITE-SPECIFIC MUTAGENESIS. THE PROSPECT FOR IMPROVING THE INHIBITOR
Maurizio Luisetti, Pavia, Italy; James Travis, Athens, Georgia

284S LUNG TRANSPLANTATION FOR Λ_1-ANTITRYPSIN DEFICIENCY EMPHYSEMA
Elbert P. Trulock, St. Louis